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# **1998 CALIFORNIA 305(b) REPORT ON WATER QUALITY**

Prepared As Required By

## **FEDERAL CLEAN WATER ACT SECTION 305(b)**

## STATE WATER RESOURCES CONTROL BOARD

**MAY 1999** 



#### STATE OF CALIFORNIA Gray Davis, Governor

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## 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 <sup>a</sup>	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 <sup>b</sup>	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 <sup>b</sup>	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 <sup>b</sup>	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.

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## 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.

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

#### TABLE 2. ATLAS INFORMATION

<sup>1</sup> The State population estimate is calculated annually by the California Department of Finance Demographic Unit.

<sup>3</sup> Estimates of estuaries, harbors and bays, saline lakes, and wetlands tabulated from the SWRCB's 1998 WBS database.

<sup>&</sup>lt;sup>2</sup> 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.

## **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.

- 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.

- 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.

- 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.



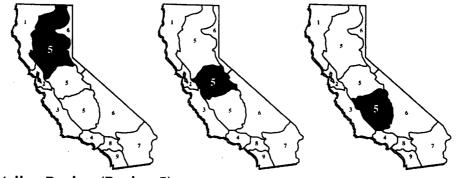
## Los Angeles Region (Region 4)

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.

- 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 costeffective 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.

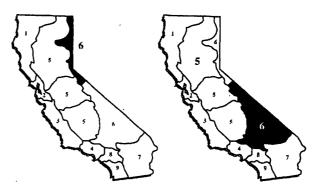
The Delta is the focal point of the State's two largest water conveyance projects, the State Water Project, and the Federal Central Valley Project. The southern third of the San Joaquin Valley contains the Tulare Lake Basin, a closed hydrographic unit except during extremely wet years.

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.

- 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.

- 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.

- 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.

- 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.

#### <u>California Ocean Plan</u>

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 technologybased 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

Approved by USEPA: 12-May-99

4	N <u>P</u> TYPI E	E NAME EEL RIVER DELTA	UNIT 111.110	POLLUTANT/STRESSO	za, poz. nemes segnetiliza Para de 1999 en la consta la para de 23 junio 73 de 1995 en la consta de 1997 en la La consta de la consta de 1997 en la consta de 1997 en la c		AFFECTED	UNIT	DATE	. D/
1	•	EEL NIVER DELIA		Sedimentation/Siltation		Low	6350	Acres	0204	12
					Range Land					
					Silviculture					
					Nonpoint Source					
				Temperature	-	Low	6350	Acres	0204	12
					Nonpoint Source					
	Ē	ESTERO AMERICANO	115.300				n alland i sa falindi s	ander ander an ander ander an ander an	aan daa <mark>alaa karabaraan</mark>	too - Ar an
•	-	LOTERO AMERICANO		Nutrients		Medium	692	Acres	0497	02
					nent strategy is attempting to increas					
					one in the Estero de San Antonio / Si					
				Strategy, adopted by	the North Coast Regional Water Qu	ality Control Boar	d at the Decer	nber 11, 1997	' meeting.	
					Pasture Land					
					Manure Lagoons					
				Sedimentation/Siltation	-	Medium	692	Acres	0497	02
					nent strategy is attempting to increas					
					one in the Estero de San Antonio / Si					
				Strategy, adopted by	the North Coast Regional Water Qu	ality Control Boar	d at the Decer	nber 11, 1997	r meeting.	
					Riparian Grazing					
					Hydromodification					
					Removal of Riparian Vegetation					
					Streambank Modification/Desta					
					Erosion/Siltation					
					Nonpoint Source					
			an an 1 - an an a strike a first strategy and the		a a deservation of the state of t				2010 W 270 A 220 A 20	
**********	osam son cas	FOTEDO DE CAN ANTONIO	445 400							
1	e E	ESTERO DE SAN ANTONIO	115.400	Nutrionts		low	319	Acres	0496	04
1	E	ESTERO DE SAN ANTONIO	115.400	Nutrients This water body/pollu	rtant was relisted by USEPA.	Low	319	Acres	0496	04
1	E	ESTERO DE SAN ANTONIO	115.400		tant was relisted by USEPA. Pasture Land	Low	319	Acres	0496	04
1	E	ESTERO DE SAN ANTONIO	115.400		Pasture Land	Low	319	Acres	0496	04
1		× ∼ (na) Yanaaadaa kuun ja Arys kuun ja ahka k				Low	319	Acres	0496	04
1	E	ESTERO DE SAN ANTONIO NAVARRO RIVER DELTA	115.400 113.500	This water body/pollu	Pasture Land Manure Lagoons	an a				274247548.62
		n - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			Pasture Land Manure Lagoons	Low Medium	319 20	Acres Acres	0496	274247548.62
1 1 1 1 1 1 1		NAVARRO RIVER DELTA	113.500	This water body/pollu	Pasture Land Manure Lagoons	an a				04: 12(
1 1 1 1 1 1 1 1		n - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		This water body/pollu Sedimentation/Siltation	Pasture Land Manure Lagoons	Medium	20	Acres	0298	12(
1 1 1000000000000 1 1 1 1 1		NAVARRO RIVER DELTA	113.500	This water body/pollu	Pasture Land Manure Lagoons Erosion/Siltation	an a				274247548.62
		NAVARRO RIVER DELTA	113.500	This water body/pollu Sedimentation/Siltation	Pasture Land Manure Lagoons	Medium	20	Acres	0298	2 12
		NAVARRO RIVER DELTA	113.500	This water body/pollu Sedimentation/Siltation	Pasture Land Manure Lagoons Erosion/Siltation Natural Sources	Medium Low	20 2280	Acres Acres	0298 1209	12( 12 <sup>-</sup>
	E E L	NAVARRO RIVER DELTA LAKE PILLSBURY	113.500 111.630	This water body/pollu Sedimentation/Siltation Mercury Sedimentation/Siltation	Pasture Land Manure Lagoons Erosion/Siltation Natural Sources	Medium	20	Acres	0298	12( 12 <sup>-</sup>
	E E L	NAVARRO RIVER DELTA LAKE PILLSBURY	113.500 111.630	This water body/pollu Sedimentation/Siltation Mercury Sedimentation/Siltation	Pasture Land Manure Lagoons Erosion/Siltation Natural Sources	Medium Low	20 2280	Acres Acres	0298 1209	12(
	E E L	NAVARRO RIVER DELTA LAKE PILLSBURY	113.500 111.630	This water body/pollu Sedimentation/Siltation Mercury Sedimentation/Siltation	Pasture Land Manure Lagoons Erosion/Siltation Natural Sources	Medium Low	20 2280	Acres Acres	0298 1209	12 12

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

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Approved by USEPA: 12-May-99

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE	UNIT	START DATE	END DATE
1	R	AMERICANO CREEK	115.300						
				Nutrients (See Estero Americano)	Medium	7	Miles	0497	0206
				(See Estero Americano) Pasture Land					
				Riparian Grazing					
				Upland Grazing					
				Animal Operations					
				Manure Lagoons					
<ul> <li>V South Basic</li> </ul>	anter anter a	en na se esta en la casa da se a casa de la compositiva en el competencia en el compositiva en el compositiva e	*****		and the constant second strategy was a second strategy and the second second second second second second second			" en 6	
1	R	BIG RIVER	113.300						
				Sedimentation/Siltation	Medium	40	Miles	0299	1201
				Silviculture					
		· · · · · · · · · · · · · · · · · · ·	s (* 1	Nonpoint Source	and a construction of the second s	ine the work of the		· ·@?84 · · ·	
1	R	EEL RIVER, MIDDLE FORK	111.700						
				Sedimentation/Siltation USEPA will develop a TMDL for Eel River, Midd	Low le Fork	64	Miles	0201	1203
				Erosion/Siltation					
				Temperature	Low	64	Miles	0201	1203
				USEPA will develop a TMDL for Eel River, Midd	le Fork.				
		No. and Anna Anna Anna Anna Anna Anna Anna		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, Midd.	ie Main Fork.				
				Range Land Silviculture					
				Nonpoint Source					
				Temperature	Low	1075.38	Miles	0203	1205
				USEPA will develop a TMDL for Eel River, Midd	le Main Fork.				
a - 1 · 6 · 50.50	- Section 1 - 1 - 1	The state of the s	an a second to a contra	Nonpoint Source	an in the state of the second state of the sec	، من صوريه			
1	R	EEL RIVER, NORTH FORK	111.500						
				Sedimentation/Siltation	Low	41	Miles	0200	1202
				USEPA will develop TMDL for Eel River, North F	-ork				
				Silviculture Logging Road Construe	ction/Maintonance				
				Erosion/Siltation	cuonimantenance				
				Nonpoint Source					
				Temperature	Low	41	Miles	0200	1202
				USEPA will develop TMDL for Eel River, North F	Fork.				
	water	en and a second seco	y 1907 6 - 19 , 1, 1999 - 10 , 1	Nonpoint Source	nes in the second se	(	an a state and an and	Marco ve verso	

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

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GION TYPE	NAME		POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE	UNIT	START DATE	
1 R	EEL RIVER, SOUTH FORK	111.300	а на примения на напримения се си на направанието с силося водобно се добно на село уколониятся с источной боле Спорти на примения на примения се сило на примения со добно на село на село уколониятся с источной более с село	n maanaan waxaa ka k		a an		
			Sedimentation/Siltation USEPA is developing TMDL for Eel River, South Fork. Sec for: (1) the area tributary to and including the South Fork of tributary to and including the South For of the Eel River bel	the Eel River	above Garbervi			1299
			Range Land					
			Silviculture					
			Logging Road Construction/Main	tenance				
			Resource Extraction	Chanoe				
			Hydromodification					
			Flow Regulation/Modification					
			Removal of Riparian Vegetation					
			Erosion/Siltation					
			Nonpoint Source					
			Temperature	Low	85	Miles	0297	129
			USEPA is developing TMDL for Eel River, South Fork.					
			Hydromodification					
			Flow Regulation/Modification					
			Removal of Riparian Vegetation					
			Erosion/Siltation					
and the set of the second s	and a set of the second states are as a first of the later states and the later states are set. It should be the		Nonpoint Source	an a	12, 12, <b>22, 23, 13, 13, 13, 17, 19, 18, 19, 19</b> , 19, 19, 19, 19, 19, 19, 19, 19, 19, 19	Service and the second s	an colos manas	
1 R	EEL RIVER, UPPER MAIN FORK	111.60						
			Sedimentation/Siltation	Low	1154.24	Miles	0202	120
			USEPA will develop a TMDL for Eel River, Upper Main For	k.				
			Range Land					
			Silviculture					
			Nonpoint Source					
			Temperature	Low	1154.24	Miles	0202	120
			USEPA will develop a TMDL for Eel River, Upper Main For	K.				
and the state of the second	aan ah		Nonpoint Source				an a	2
1 R	ELK RIVER	110.000						
			Sedimentation/Siltation	Medium	87	Miles	0207	200
			Sedimentation, threat of sedimentation, impaired irrigation of quality, impaired spawning habitat, increased rate and dept Regional Water Board and California Department of Foresti adherance to Forest Practice Rules. It is possible that com development.	h of flooding o ry staff are inv	lue to sediment, olved in ongoing	property dan efforts to att	nage.	
			Silviculture					
			Harvesting, Restoration, Residue	Management	t			
			Logging Road Construction/Main	tenance				
			Removal of Riparian Vegetation					
			Streambank Modification/Destabi	lization				
			Streambank mounication/Destabl	120101011				
			Erosion/Siltation					

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

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Approved by USEPA: 12-May-99

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GION TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
1 R	FRESHWATER CREEK	110.000							
			quality, impaired spaw Regional Water Board	of sedimentation, impaired irrigati ming habitat, increased rate and o and California Department of For Practice Rules. It is possible that	lepth of flooding due restry staff are involv	to sediment, j ed in ongoing	property dam efforts to atta	age.	1210
				Silviculture					
				Harvesting, Restoration, Resid	due Management				
				Logging Road Construction/N	laintenance				
				Erosion/Siltation					
			. · · ·	Nonpoint Source					
	GARCIA RIVER	113,700		a data na mining kangana sa sa na sa na na sa na na sa na sa	1. x · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	1.000.0044.000.000	
			sediment control on th	Board Is involved in extended public Board Briver. In January, 1998 D <del>L for sedim</del> ent on the Garcia Riv	3, USEPA issued pul			<b>0997</b> for	129
				Riparian Grazing					
				Silviculture					
				Harvesting, Restoration, Resi	due Management				
				Logging Road Construction/N	laintenance				
				Removal of Riparian Vegetation	on				
				Streambank Modification/Des	tabilization				
				Channel Erosion					
				Erosion/Siltation					
				Nonpoint Source					
			113.70010 (Pardaloe Pardaloe Creek to the The Regional Water E	s impacting coldwater fisheries in Creek), 113.70011, 12, 13, 14, 20 estuary, which includes that port Roard is working to adopt a TMDL with measures in this TMDL will in DL for temperature.	), 21, and the entire i ion of 113.70022, 23 for sediment on the	mainstem Gan 1, 24, 25, and 2 Garcia River.	cia River from 16. February It is possible	1998 - that	200
				Habitat Modification					
				Removal of Riparian Vegetation	on				
				Streambank Modification/Des	tabilization				
				Nonpoint Source					

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	ТҮРЕ		HYDRO UNIT	POLLUTANT/STRESSOR	R* SOURCE P	RIORITY	SIZE	UNIT	START	EŅ DAT
1	R	GUALALA RIVER	113.800	Sedimentation/Siltation		Medium	35	Miles	0499	1201
				oounonationenation	Specialty Crop Production		•••			
					Silviculture					
					Harvesting, Restoration, Residue Ma	nagement				
					Logging Road Construction/Mainten	-				
					Road					
					Construction					
					Land Development					
					Disturbed Sites (Land Develop.)					
					Erosion/Siltation					
Manufacture Phases	1.0				Nonpoint Source	• • 29 <b>• • • • • • • • •</b>	Markal and the second	aneneration (arcentee)	VALING <b>AUS-</b> MIT	1.2009-005-0 <b>8</b> 945-879
1	R	KLAMATH RIVER	105.000	<b>N</b> / · · /		N. a. ali u ma	400		o	
				Nutrients	e developed for the area tributary to and i	Medium	190	Miles	0402	040
				Clear Lake Reservoir		noiduing.				
				Lost River/Tule Lake						
			Oregon border to iron	Gate dam						
			Iron Gate Dam to Sco							
			Scott River to Trinity I Trinity River to the Oc							
	-				Municipal Point Sources					
					Irrigated Crop Production					
					Agricultural Return Flows					
					Nonpoint Source					
				Org. enrichment/Low D.	-	Medium	180	Miles	0202	120
				Dissolved oxygen leve	els do not meet Basin Plan Objective. Fis lved Oxygen TMDL will be developed for				solved	
					Municipal Point Sources					
					Agricultural Return Flows					
					Flow Doculation/Madification					
					Flow Regulation/Modification				0402	040
				Temperature	-	Medium	190	Miles		
					-		190	Miles		
				Temperature TMDLs Clear Lake Reservoir	will be developed for the area tributary to Area		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake	will be developed for the area tributary to Area to Oregon border		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron	will be developed for the area tributary to Area to Oregon border Gate dam		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron Iron Gate Dam to Sco	will be developed for the area tributary to Area to Oregon border Gate dam ht River		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron	will be developed for the area tributary to Area to Oregon border Gate dam ht River River		190	Miles		
			·	Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron Iron Gate Dam to Sco Scott River to Trinity I	will be developed for the area tributary to Area to Oregon border Gate dam ht River River		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron Iron Gate Dam to Sco Scott River to Trinity I	will be developed for the area tributary to Area to Oregon border Gate dam Itt River River sean Dam Construction/Operation		190	Miles		
		·		Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron Iron Gate Dam to Sco Scott River to Trinity I	will be developed for the area tributary to Area to Oregon border Gate dam tt River River æan		190	Miles		
				Temperature TMDLs Clear Lake Reservoir Lost River/Tule Lake Oregon border to iron Iron Gate Dam to Sco Scott River to Trinity I	will be developed for the area tributary to Area to Oregon border Gate dam tt River River exean Dam Construction/Operation Flow Regulation/Modification		190	Miles		

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

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1	R	MAD RIVER	UNIT 109.000	POLLUTANT/STRESSOF	R* SOURCE	PRIORITY	AFFECTED	UNIT	DATE	D
•	ĸ		105.000	Sedimentation/Siltation		Low	90	Miles	0205	02
					MDL for the Mad River. Sediment TM					04
					River (North Fork), (2) the Mad River(			-	to and	
				,	Silviculture			, ,		
					Resource Extraction					
					Nonpoint Source					
				Turbidity		Low	90	Miles	0205	0
					be developed for the area tributary to and (3) the Mad River (Middle).	nd including: (1)	the Mad Rive	r (North Fork,	), (2) the	
					Silviculture					
					Resource Extraction					
					Nonpoint Source					
••• •••••	-		112.300	and the second second	and the second				,	
1	R	MATTOLE RIVER	112.300	Sedimentation/Siltation		Medium	<b>FC</b>	Miles	0200	1
				Sedimentation/Sittation	Specialty Crop Production	weatam	56	Miles	0200	
					Range Land					
					Riparian Grazing					
					Silviculture					
					Onviountare					
					Hydromodification					
					Hydromodification Habitat Modification					
					Habitat Modification					
					Habitat Modification Removal of Riparian Vegetation	zation				
					Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili	zation		x		
					Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili Erosion/Siltation	zation				
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili		56	Miles	0200	1
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili Erosion/Siltation	zation Medium	56	Miles	0200	1
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili Erosion/Siltation Nonpoint Source Silviculture		56	Miles	0200	1
				Temperature	Habitat Modification Removal of Riparian Vegetation Streambank Modification/Destabili Erosion/Siltation Nonpoint Source		56	Miles	0200	1

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1 R NAVAF	RORIVER	113.500					
			Sedimentation/Siltation Sediment TMDLs will and (2) the area tribut	be developed for: (1) the area tributar ary to and including the Navarro Rive	<b>Medium</b> y to and including t r below Philo.	Miles 0298 er above Philo	120
				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/Main	tenance		
				Silvicultural Point Sources			
				<b>Construction/Land Development</b>			
				Highway/Road/Bridge Construction	on		
				Road			
				Construction			
				Land Development			
				Disturbed Sites (Land Develop.)			
				Resource Extraction			
				Flow Regulation/Modification			
				Water Diversions			
				Habitat Modification			
	·.			Removal of Riparian Vegetation	· · ·		
				Streambank Modification/Destabi	lization		
				Drainage/Filling Of Wetlands			
				Channel Erosion			
			·	Erosion/Siltation			
				Nonpoint Source			
					•		
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REGION TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	• SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
			Temperature		Medium	25	Miles	0298	1200
				vill be developed for: (1) the area trib ary to and including the Navarro Rive		ding the Navan	o River abo	ove Philo	
				Agriculture					
				Agricultural Return Flows					
				Resource Extraction					
				Flow Regulation/Modification					
				Water Diversions					
				Agricultural Water Diversion					
				Habitat Modification					
				Removal of Riparian Vegetation					
				Streambank Modification/Destab	ilization				
				Drainage/Filling Of Wetlands					
		a the three		Nonpoint Source				5 3 W	1. A
1 R NOYO		113.200							
			Sedimentation/Siltation		Medium	35	Miles	0698	1299
				Silviculture					
				Nonpoint Source					
1 R REDW	DOD CREEK	107.000	<i>'</i> ,	Den et al.					
			Sedimentation/Siltation Sediment TMDLs are Redwood National Pai	being developed for: (1) the area tril rk boundary and (2) for the area tribu	<b>Low</b> butary to and inclu itary to and includi	63 ding the mains	Miles tem upstre em within th	<b>0497</b> am of the e Park	1298
			boundary.	<b>,</b> , ,	•	2			
				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.

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EGION	TYPE	NAMÉ	HYDRO	POLLUTANT/STRESSOR	SOURCE	PRIORITY	SIZE	UNIT.	START DATE	Et DA
1	R	RUSSIAN RIVER	114.100							
				Sedimentation/Siltation	1. 1. 1. 1. 1. 1. 1. 1	Medium	105	Miles	0209	121
				[Entire watershed, ma Sedimentation_thmat	iniy tributaries.j of sedimentation, siltation, turbio	lity, hank emsion im	naimd snawning	and marine	n hahitat	
					pth of flooding due to sediment,					
					in stem Russian River. Sonoma					
					Act habitat assessment. This pr		t assessment ar	d control m	easures	
				equivalent to TMDL al	location and attainment strategie	es.				
					Specialty Crop Production					
					Riparian Grazing					
					Upland Grazing					
					Agriculture-storm runoff					
					Silviculture	due Menevenet				
					Harvesting, Restoration, Res Logging Road Construction/I	-				
•					Construction/Land Developm					
					Highway/Road/Bridge Constr					
					Road	ucuon				
					Construction					
					Land Development					
					Disturbed Sites (Land Develo	p.)				
					Other Urban Runoff					
					Hydromodification					
					Channelization					
					Flow Regulation/Modification	1				
					Habitat Modification					
					Removal of Riparian Vegetati					
					Streambank Modification/Des					
					Drainage/Filling Of Wetlands					
					Channel Erosion					
					Erosion/Siltation					
erante attactor a contractor		an a	Na na mangang pangang ang kana na na mangang pangkang pangkang pangkang pangkang pangkang pangkang pangkang pan	dilana serien nampo agintan di simon di damana da sili sila sila seda.	Nonpoint Source	er ne namme fan de President en tre	angan nganan ariterati refere a sa anganasi	analasingga graven method	NT TO A GUIL YOR TOPPERS	776.4188a
1	R	SCOTT RIVER	105.400							
				Sedimentation/Siltation		Low	68	Miles	0203	040
					Irrigated Crop Production					
					Pasture Land					
					Silviculture					
					Resource Extraction					
					Mine Tailings					
					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.

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GION TYPE		HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
uta at internationalist	and the second	a na tanàn amin'ny sina amin'ny sina amin'ny sana amin'ny sana amin'ny sana amin'ny sana amin'ny sana amin'ny s	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/Destabi	lization				
				Drainage/Filling Of Wetlands					
				Nonpoint Source	÷				
1 R	SHASTA RIVER	105.500	· . · · · · · · · · · · ·	and the second the second s					
			Org. enrichment/Low D	0.0.	Low	52	Miles	0203	0905
			-	Riparian Grazing					
				Agricultural Return Flows					
				Flow Regulation/Modification					
			Temperature		Low	52	Miles	0203	090
				Agriculture-irrigation tailwater					
				Water Diversions					
				Agricultural Water Diversion					
				Habitat Modification					
				Removal of Riparian Vegetation					
				Drainage/Filling Of Wetlands					
		a state and state at	a second	Nonpoint Source	~				
1 R	STEMPLE CREEK	115.400							
			Nutrients		Low	17	Miles	0496	0498
			This water body/poll	utant was relisted by USEPA.					
				Pasture Land					
				Manure Lagoons					
			· · · · · · · · · · · ·	Nonpoint Source					
1 R	TEN MILE RIVER	113.130		ana na kanana 🦳 💘 Magina Tanan Santanga Ing La 🛛 💈					
			Sedimentation/Siltatior		Low	10	Miles	0298	1200
			USEPA is developin	g TMDL for Ten Mile River.					
				Silviculture					
				Nonpoint Source					
* · · · ·	· · · · · · · · · · · · · · · · · · ·	ý *			٠		·	( ; ; ;	

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

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1	R	TOMKICREEK	111.620			
	ĸ			Sedimentation/Siltation         Medium         18           USEPA will develop TMDL's for Eel River Watershed in the Tomki Creek vicinity.         To         Eel River, has been listed under Clean Water Act Section 303(d) due to the effects of Restoration effort has targeted the riparian area.         Tomki Creek is under consideration 303(d) list.         18	omki Creek, tributary to the of sedimentation.	
			·	Range Land Silviculture Erosion/Siltation Nonpoint Source		
1678-5544		C. Yan A. A. STATATA A.	**************************************		ananananyan'i Kanananananya na manga tabahasanan na manga kata ang mananya si tao mata manganakan	19039600 000000000
1	R TR		106.000	Sedimentation/Siltation Medium 170 USEPA will develop TMDL for Trinity River. Sediment TMDLs will be developed for including: (1) the Trinity River (Upper), (2) the Trinity River (Middle), and (3) the Trin Range Land	the area tributary to and	) 12
				Silviculture Resource Extraction Mine Tailings		
				Nonpoint Source		
******** <b>1</b>	R 1	TRINITY RIVER, SOUTH FORK	106.200	ĨĨĨĨĨŔĸĊĸĸĸŔĦŦĸĊĨĨĸĸĸĸĸĊĸĊŔŦĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸĊĸ	and an and an	na pris program
	R			Sedimentation/Siltation Low 80 USEPA will be developing TMDL for South Fork Trinity River. Sediment TMDLs will areas tributary to and including Hayfork/Corral Creeks and (2) areas tributary to and the Trinity River except Hayfork/Corral Creeks	ll be developed for: (1)	
				Riparian Grazing		
				Nonpoint Source Temperature Low 80 Elevated temperatures impact coldwater fisheries. USEPA will be developing TMDI River.		i 12
				Riparian Grazing		
				Water Diversions		
				Habitat Modification Removal of Riparian Vegetation		
				Streambank Modification/Destabilization		
******** 1	R	VAN DUZEN RIVER	111.200		ALLE CONTRACTOR DE CONTRAC	paperstation in a state
				Sedimentation/Siltation Low 63 USEPA is developing TMDL for Van Duzen River. Sediment TMDLs will be develo to and including Yager Creek, (2) areas tributary to and including the Van Duzen Ri (3) areas tributary to and including the Van Duzen River below Bridgeville.	oped for: (1) areas tributary	y
				Range Land		
				Silviculture		
				Erosion/Siltation Nonpoint Source		

Water Act Section 303(d). In a few cases, they provide necessary information.

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		A REAL PROPERTY.				A	SIZE		START	END
REGION 2	B	CARQUINEZ STRAIT	207.100	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	AFFECTED	UNIT	DATE	DATE
2	Б	CARQUINEZ STRATT	207.100	Chlordane This listing was made	•	Low	6560	Acres		
					Nonpoint Source					
				Copper Exceedance of Califo and sediment tissue	ornia Toxic Rules dissolved criteria a levels.	Medium nd National Toxic	6560 Rules total crite	Acres ria; elevated	<b>2003</b> d water	2008
					Municipal Point Sources Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				DDT This listing was made	e by USEPA.	Low	6560	Acres		
					Nonpoint Source					
				agricultural application	e water column toxicity. Two patterr on in late winter and pulse from resid rly summer. Chlorpyrifos may also l Nonpoint Source	ential land use are	eas linked to hor	neowner pe		2005
				Dieldrin This listing was made		Low	6560	Acres		
				the loang the had	Nonpoint Source					
					ounds are: 2,3,7,8-TCDD, 1,2,3,7,8-1 1,2,3,4,6,7,8-HpCDD, and OCDD.	<b>High</b> PeCDD, 1,2,3,4,7,	6560 ,8-HxCDD, 1,2,3	<b>Acres</b> ,6,7,8-HxCL	, סכ	
				This listing was mad	e by USEPA					
					Atmospheric Deposition					
				Exotic Species Disrupt natural benth	os; change pollutant availability in fo Ballast Water	High bod chain; disrupt	6560 food availability	Acres to native sp	<b>1998</b> ecies.	2003
					ounds are: 2,3,7,8-TCDF, 1,2,3,7,8-ł 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-HxCl				F, and	
				This listing was made	e by USEPA.					
					Atmospheric Deposition					

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REGION TYPE	HYDRO UNIT	POLLUTANT/STRESSOF	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	-END DATE
		mining sediments and	fish consumption and wildlife consumpl l local mercury mining; most significant oderate to low level inputs from point so	ongoing source	•			2003
			Industrial Point Sources					
			Municipal Point Sources		•			
			Resource Extraction					
		•	Atmospheric Deposition					
			Natural Sources					
			Nonpoint Source					
	ar a	Nickel Exceedance of Califor and sediment tissue lo	rnia Toxic Rules dissolved criteria and l evels.	Low National Toxic I	6560 Rules total crit	Acres eria; elevated	<b>2006</b> d water	2010
			Municipal Point Sources					
			Urban Runoff/Storm Sewers					
			Other					
		PCBs This listing covers nor	n dioxin-like PCBs. y for fish; uncertainty regarding water o	Medium	6560	Acres	2003	2008
		interim nearth dovisor	Unknown Nonpoint Source		auvii vala.			
		HxCB (169), 2,3,3',4,4	like PCBs are 3,4,4',5-TCB (81), 3,3',3, 4'-PeCB (105), 2,3,4,4',5-PeCB (114), 2 56), 2,3,3',4,4',5'-HxCB (157), 2,3',4,4',5	,3',4,4',5-PeCB	(118), 2',3,4,4	1,5-PeCB (12	23),	
		This listing was made	by USEDA					
		mis isung was made	Unknown Nonpoint Source					
		Selenium	Sikilowi Nonpoint Source	Low	6560	Acres	2006	2010
		Affected use is one bu significant contribution rivers); exotic species	ranch of the food chain; most sensitive i ns from oil refineries (control program in may have made food chain more susce r in effect for scaup and scoter (diving d ace.	indicator is hato place) and agr eptible to accur	hability in nes iculture (carrie nulation of sel	ting diving bi ed downstrea enium; healtl	rds, m by h	2010
			Industrial Point Sources					
	venter of the second second	n an ann an an an an ann an ann an ann an a	Agriculture		rising the second second			
2 B RICHARDSON BAY	203.130							
		Chlordane This listing was made		Low	2560	Acres		
		DDT	Nonpoint Source	Low	2560			
		DDT This listing was made	by USEPA.	Low	2560	Acres		
		The stang was made	Nonpoint Source					
		Dieldrin This listing was made		Low	2560	Acres		
		-	Nonpoint Source					÷

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POLLUTANT/STRESSOR* SOURCE	PRIORITY			DATE	2010
Dioxin compounds* * The specific compounds are: 2,3,7,8-TCDD, 1,2,3,7,8-I 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD.	High PeCDD, 1,2,3,4,7,	<b>2560</b> 8-HxCDD, 1,2,	Acres 3,6,7,8-HxCD	)D,	
This listing was made by USEPA.					
Atmospheric Deposition					
Exotic Species	High	2560	Acres	1998	200
Disrupt natural benthos; change pollutant availability in fo Ballast Water	od chain; endang	er food availat	nility to native :	species.	
Furan compounds*     * The specific compounds are: 2,3,7,8-TCDF, 1,2,3,7,8-F 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-HxCl OCDF.				F, and	
This listing was made by USEPA.					
Atmospheric Deposition					
High Coliform Count Affected area, Waldo Point Harbor, is less than 10% of e substandard sewage systems in some houseboat areas; significant water quality improvements.				2003 ed as	200
Urban Runoff/Storm Sewers Septage Disposal					
Boat Discharges/Vessel Wastes					
Mercury	, High	2560	Acres	1998	20
Current data indicate fish consumption and wildlife consu in effect for multiple fish species including striped bass a sediments and local mercury mining; most significant on	Imption impacted nd shark. Major s	ource is histor	onsumption a ic: gold minin	g	
mines; moderate to low level inputs from point sources.					
Municipal Point Sources					
Municipal Point Sources					
Municipal Point Sources Resource Extraction					
Municipal Point Sources Resource Extraction Atmospheric Deposition					
Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source PCBs	Medium	2560	Acres	2003	20
Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source			Acres	2003	20
Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source PCBs This listing covers non dioxin-like PCBs.			Acres	2003	200
Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source PCBs This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding wat	ter column concer High 3',3,3'-TCB (77), 3 4), 2,3',4,4',5-PeC	ntration data. <b>2560</b> 8,3',4,4',5-PeCl B (118), 2',3,4	<b>Acres</b> B (126), 3,3',4 ,4',5-PeCB (1)	1, <b>4',4,4'-</b> 23),	200
Municipal Point Sources Resource Extraction Atmospheric Deposition Natural Sources Nonpoint Source PCBs This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding wat Unknown Nonpoint Source PCBs (dioxin-like)* * The specific dioxin-like PCBs are 3,4,4',5-TCB (81), 3, HxCB (169), 2,3,3',4,4'-PeCB (105), 2,3,4,4',5-PeCB (115)	ter column concer High 3',3,3'-TCB (77), 3 4), 2,3',4,4',5-PeC	ntration data. <b>2560</b> 8,3',4,4',5-PeCl B (118), 2',3,4	<b>Acres</b> B (126), 3,3',4 ,4',5-PeCB (1)	1, <b>4',4,4'-</b> 23),	200

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

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REGION. T	IYPE	NAME	HYDRO	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTEL	) <sup>w</sup> UNIT		The second se
2	B	SAN FRANCISCO BAY, CENTRAL	203.120		ingen son ander en son ander en sen ander en sen ander en verste en son ander en sen ander en sen ander en sen	<ul> <li>Contraction and the second seco</li></ul>				
				Chlordane		Low	67700	Acres		
				This listing was made						
					Nonpoint Source					
				Copper Exceedance of Califo and sediment tissue	rmia Toxic Rules dissolved crit levels.	Medium iteria and National To	67700 ixic Rules total cr	Acres iteria; elevate	2003 d water	2008
					Municipal Point Sources					
					Urban Runoff/Storm Sewe	ers				
					Other					
					Atmospheric Deposition					
				DDT This listing was made	by USEPA	Low	67700	Acres		
				The field of field	Nonpoint Source					
				Diazinon		Medium	67700	Acres	2000	2005
				agricultural application	e water column toxicity. Two p n in late winter and pulse from dy summer. Chlorpyrifos may Nonpoint Source	n residential land use	areas linked to I	nomeowner pe		
				Dieldrin This listing was made	by USEPA.	Low	67700	Acres		
					Nonpoint Source					
					unds are: 2,3,7,8-TCDD, 1,2, 1,2,3,4,6,7,8-HpCDD, and OCI		<b>67700</b> 4,7,8-HxCDD, 1,2	<b>Acres</b> 2, 3, 6, 7, 8-HxCl	DD,	
				This listing was made	by USEPA					
					Atmospheric Deposition					
				Exotic Species Disrupt natural benth	os; change pollutant availabilit Ballast Water	High ity in food chain; enda	67700 anger food availa	Acres bility to native	<b>1998</b> species.	2003
					unds are: 2,3,7,8-TCDF, 1,2,3 ,2,3,7,8,9-HxCDF, 2',3,4,6,7,8				F, and	
				This listing was made	e by USEPA.					
					Atmospheric Deposition					

Approved by USEPA: 12-May-99

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GION TYPE NAME	POLLUTANT/STRESSO Mercury	R <sup>*</sup> SOURCE	PRIORITY	AFFECTED	Acres	<b>DATE</b> 1998	<u>5</u> 2(
	Current data indicate	fish consumption and wildlife consum Fish species including striped bass and	otion impacted u	ises: health cor	nsumption a	dvisory	20
	sediments and local	mercury mining; most significant ongoi ow level inputs from point sources.					
	,	Industrial Point Sources					
		Municipal Point Sources					
		Resource Extraction					
		Atmospheric Deposition					
		Natural Sources					
		Nonpoint Source					
	PCBs	•	Medium	67700	Acres	2003	2
	This listing covers no						
	Interim health adviso	ry for fish; uncertainty regarding water	column concen	tration data.			
		Unknown Nonpoint Source					
	PCBs (dioxin-like)*		High	67700	Acres		
	HxCB (169), 2,3,3',4,	-like PCBs are 3,4,4',5-TCB (81), 3,3',2 ,4'-PeCB (105), 2,3,4,4',5-PeCB (114), 56), 2,3,3',4,4',5'-HxCB (157), 2,3',4,4',	2,3',4,4',5-PeCl	3 (118), 2',3,4,4	,5-PeCB (12	23),	
	This listing was made	e by USEPA.					
		Unknown Nonpoint Source					
	significant contributio rivers); exotic specie	pranch of the food chain; most sensitive ons from oil refineries (control program s may have made food chain more sus y in effect for scaup and scoter (diving lace.	in place) and ag ceptible to accu	riculture (carried Imulation of sele	d downstrea nium; healti	m by h	2
		Industrial Point Sources					
		Agriculture					
		Natural Sources					
		Exotic Species					
and the second	a service and						
2 B SAN FRANCISCO BAY, LOWER 204.100							
	Chlordane		Low	79900	Acres		
	This listing was made	•					
	•	Nonpoint Source					
	Copper Exceedance of Califo and sediment tissue	omia Toxic Rules dissolved criteria and levels	Medium National Toxic	79900 Rules total crite	Acres ria; elevated	2003 1 water	2
		Municipal Point Sources					
		Urban Runoff/Storm Sewers					
		Other					
	DDT	Atmospheric Deposition	1.0	79900	Acres		
	This listing was made	e by LISEPA	Low	19900	Acres		
	the found had had	Nonpoint Source					

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HYDRO REGION TYPE NAME UNIT	POLLUTANT/STRESSOR*	E PRIORITY	SIZE	UNIT	START DATE	END DATE
	Diazinon Diazinon levels cause water column t agricultural application in late winter a use in late spring, early summer. Chi	nd pulse from residential land use	areas linked to h	omeowner pe		2005
	Nonpoint So	Irce				
	Dieldrin	Low	79900	Acres		
	This listing was made by USEPA.					
	Nonpoint So	Irce				
	Dioxin compounds* * The specific compounds are: 2,3,7, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-Hp(		<b>79900</b> 4,7,8-HxCDD, 1,2	<b>Acres</b> 2,3,6,7,8-HxCL	DD,	
	This listing was made by USEPA.					
	Atmospheric	Deposition				
	Exotic Species	High	79900	Acres	1998	2003
	Disrupt natural benthos; change pollu	5				2003
	Ballast Water	•				
	Furan compounds* * The specific compounds are: 2,3,7, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCD OCDF.	High 8-TCDF, 1,2,3,7,8-PcCDF 2,3,4,7,			F, and	
	This listing was made by USEPA.					
	Atmospheric	Deposition				
	Mercury	High	79900	Acres	1998	2003
· · · ·	Current data indicate fish consumptio in effect for multiple fish species inclu sediments and local mercury mining; mines; moderate to low level inputs fr levels, elevated tissue levels.	n and wildlife consumption impacted ding striped bass and shark. Majo most significant ongoing source is	ed uses: health c or source is histor erosion and drai	consumption a ic: gold minin nage from aba	ndvisory Ig andoned	2000
	Industrial Po	int Sources				
	Municipal Po	int Sources				
	Resource Ex	traction				
	Atmospheric	Deposition				
	Natural Source	ces				
	Nonpoint So	Irce				
	Nickel Exceedance of California Toxic Rules and sediment tissue levels of nickel.	Medium	<b>79900</b> xic Rules total cri	Acres iteria; elevated	<b>2003</b> d water	2008
	Municipal Po	int Sources				
	-	/Storm Sewers				
	Other					
	Atmospheric	Deposition				
	PCBs	Medium	79900	Acres	2003	2008
	This listing covers non dioxin-like PC	Bs.			2000	2000
		npoint Source	uuton uuto.			

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

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REGION TYPE NAME	YDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	) UNIT	START DATE	
anna in manos tumo annos transferiologos de la su o sala transferio y de servicio de servicio (MAR Batterne MARM	en en el antipación destri	PCBs (dioxin-like)* * The specific dioxir HxCB (169), 2,3,3',4	n-like PCBs are 3,4,4',5-TCB (81), 3, ,4'-PeCB (105), 2,3,4,4',5-PeCB (11 156), 2,3,3',4,4',5'-HxCB (157), 2,3',4	High 3',3,3'-TCB (77), 3 4), 2,3',4,4',5-PeC	<b>79900</b> 3,3',4,4',5-PeC B (118), 2',3,4	Acres B (126), 3,3',4,4 ,4',5-PeCB (123	',4,4'- 3),	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
		This listing was mad	e bv USEPA.					
		0	Unknown Nonpoint Source					
2 B SAN FRANCISCO BAY, SOUTH 2	205.100						*	
		Chlordane		Low	24500	Acres		
		This listing was mad	le by USEPA.	2011	24000	Acies		
		-	Nonpoint Source					
		Copper	•	High	24500	Acres	1998	2003
			ornia Toxic Rules dissolved criteria a levels.		c Rules total cr		water	
			Municipal Point Sources					
			Urban Runoff/Storm Sewers					
			Other					
			Atmospheric Deposition					
		DDT		Low	24500	Acres		
		This listing was mad	le by USEPA.					
			Nonpoint Source					
		agricultural applicati	se water column toxicity. Two patter on in late winter and pulse from resid arly summer. Chlorpyrifos may also	dential land use a	eas linked to h	nomeowner pest		2005
			Nonpoint Source		,	,		
<u>i</u>		Dieldrin	•	Low	24500	Acres		
		This listing was mad	le by USEPA.					
			Nonpoint Source					
			ounds are: 2,3,7,8-TCDD, 1,2,3,7,8- 1,2,3,4,6,7,8-HpCDD, and OCDD.	High PeCDD, 1,2,3,4,7	<b>24500</b> 7,8-HxCDD, 1,2	<b>Acres</b> 2, 3, 6, 7, 8-HxCDL	D,	
		This listing was mad	lo by USERA					
		This isony was mad	Atmospheric Deposition					
		Exotic Species	Autospheric Deposition	High	24500	Acres	1998	2003
			hos; change pollutant availability in fi					2003
		Furan compounds*	Ballast Water	High	24500	A		
		* The specific comp	ounds are: 2,3,7,8-TCDF, 1,2,3,7,8- 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-HxC		PeCDF, 1,2,3,4		and	
		This listing was mad	le hv USEPA					
		This noting was mad						
			Atmospheric Deposition					

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

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Approved by USEPA: 12-May-99

	HYDRO UNIT POLLUTANT/S	TRESSOR* SOURCE	PRIORITY	SIZE	LINIT	START	END
		THE STORE STATES	1 - V. Pallan C. Marson, Mr. & Stationals, Martiallic	AFFECTED		DATE	DAT
	Mercury	, indicate fich consumption and wildlife as	High	24500	Acres	1998	2003
		a indicate fish consumption and wildlife con multiple fish species including striped bass					
		induciple lish species including surped bass and local mercury mining; most significant o					•
		erate to low level inputs from point sources					
		ated tissue levels.					
		Industrial Point Sources					
		Municipal Point Sources					
		Resource Extraction					
		Atmospheric Deposition					
		Natural Sources					
		Nonpoint Source					
	Niekel	Nonpoint Source	LISA	24500		4000	2002
	Nickel	of California Toxic Rules dissolved criteria	High a and National Tovid	24500 Rules total cr	Acres	1998 d water	2003
		nt tissue levels.		, Rules Iolai Ci	lena, elevaled	u water	
		Municipal Point Sources					
		Urban Runoff/Storm Sewers					
		Other					
	PCBs		Medium	24500	Acres	2003	2008
	•	covers non dioxin-like PCBs.					
	Interim heal	th advisory for fish; uncertainty regarding w	vater column concel	ntration data.			
		Unknown Nonpoint Source					
	PCBs (dioxin-li		High	24500	Acres		
		fic dioxin-like PCBs are 3,4,4',5-TCB (81),					
		, 2,3,3',4,4'-PeCB (105), 2,3,4,4',5-PeCB (` ·HxCB (156), 2,3,3',4,4',5'-HxCB (157), 2,3					
	This listing v	was made by USEPA.					
		Unknown Nonpoint Source					
	Selenium		Low	24500			
					Acres	2006	2010
		alth advisory has been issued by OEHHA f	for benthic-feeding of		San Francisco	o Bay.	2010
	This health	alth advisory has been issued by OEHHA 1 advisory clearly establishes that water con nd standards are not fully met.	for benthic-feeding of		San Francisco	o Bay.	2010
	This health	advisory clearly establishes that water con	for benthic-feeding of		San Francisco	o Bay.	2010
	This health	advisory clearly establishes that water con nd standards are not fully met.	for benthic-feeding c tact recreation bene		San Francisco	o Bay.	2010
	This health	advisory clearly establishes that water con nd standards are not fully met. Agriculture	for benthic-feeding c tact recreation bene		San Francisco	o Bay.	2010
2 B SAN PABLO BAY	This health supported a	advisory clearly establishes that water con nd standards are not fully met. Agriculture	for benthic-feeding c tact recreation bene		San Francisco	o Bay.	2010
2 B SAN PABLO BAY	This health supported a 206.100 Chlordane	advisory clearly establishes that water con nd standards are not fully met. Agriculture	for benthic-feeding of tact recreation bene ter	ficial use (REC	San Francisco (-1) is not fully	o Bay.	2010
2 B SAN PABLO BAY	This health supported a 206.100 Chlordane	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat	for benthic-feeding of tact recreation bene ter	ficial use (REC	San Francisco (-1) is not fully	o Bay.	2010
and a B SAN PABLO BAY	This health supported a 206.100 Chlordane This listing w	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA.	for benthic-feeding of tact recreation bene ter	ficial use (REC 71300	San Francisco C-1) is not fully Acres	o Bay. Y	9889-829-1-15250-49824 •
2 B SAN PABLO BAY	This health supported a 206.100 Chlordane This listing v Copper Exceedance	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA.	for benthic-feeding of tact recreation bene ter Low Medium	ficial use (REC 71300 71300	San Francisco C-1) is not fully Acres Acres	o Bay. Y 2003	2010 2008
2 B SAN PABLO BAY	This health supported a 206.100 Chlordane This listing v Copper Exceedance	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA. Nonpoint Source e of California Toxic Rules dissolved criteria nt tissue levels.	for benthic-feeding of tact recreation bene ter Low Medium	ficial use (REC 71300 71300	San Francisco C-1) is not fully Acres Acres	o Bay. Y 2003	9889-829-1-15250-49824 •
seeraa aanaa kaaraga kaanaa kaanaa 2 B SAN PABLO BAY	This health supported a 206.100 Chlordane This listing v Copper Exceedance	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA. Nonpoint Source e of California Toxic Rules dissolved criteria nt tissue levels. Municipal Point Sources	for benthic-feeding of tact recreation bene ter Low Medium	ficial use (REC 71300 71300	San Francisco C-1) is not fully Acres Acres	o Bay. Y 2003	9889-829-1-15250-49824 •
seeran aanaa kaanga aanaa aanaa kaanaa ka	This health supported a 206.100 Chlordane This listing v Copper Exceedance	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA. Nonpoint Source e of California Toxic Rules dissolved criteria nt tissue levels. Municipal Point Sources Urban Runoff/Storm Sewers	for benthic-feeding of tact recreation bene ter Low Medium	ficial use (REC 71300 71300	San Francisco C-1) is not fully Acres Acres	o Bay. Y 2003	9889-829-1-15250-49824 •
2 B SAN PABLO BAY	This health supported a 206.100 Chlordane This listing v Copper Exceedance	advisory clearly establishes that water con nd standards are not fully met. Agriculture Domestic Use of Ground Wat was made by USEPA. Nonpoint Source e of California Toxic Rules dissolved criteria nt tissue levels. Municipal Point Sources	for benthic-feeding of tact recreation bene ter Low Medium	ficial use (REC 71300 71300	San Francisco C-1) is not fully Acres Acres	o Bay. Y 2003	9889-829-1-15250-49824 •

Water Act Section 303(d). In a few cases, they provide necessary information.

Approved by USEPA: 12-May-99

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EGION TYPE NAME UNIT	POLLUTANT/STRESS	OR* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	
	DDT		Low	71300	Acres		
	This listing was ma	de by USEPA.					
		Nonpoint Source					
	Diazinon		Medium	71300	Acres	2000	200
	agricultural applicat	ise water column toxicity. Two pattern tion in late winter and pulse from resid parly summer. Chlorpyrifos may also l	ential land use ar	eas linked to h	omeowner pes	sticide wever.	
		Nonpoint Source					
	Dieldrin This listing was ma	de by USEPA.	Low	71300	Acres		
		Nonpoint Source					
		oounds are: 2,3,7,8-TCDD, 1,2,3,7,8-I , 1,2,3,4,6,7,8-HpCDD, and OCDD.	<b>High</b> PeCDD, 1,2,3,4,7	<b>71300</b> ,8-HxCDD, 1,2,	<b>Acres</b> ,3,6,7,8-HxCD	DD,	
	This listing was ma	de by USEPA.					
		Atmospheric Deposition					
	Exotic Species		High	71300	Acres	1998	20
	Disrupt natural ben	thos; change pollutant availability in fo Ballast Water	ood chain; disrupt	food availabilit	y to native spe	ecies.	
	Furan compounds*		High	71300	Acres		
	* The specific com 1,2,3,6,7,8-HxCDF OCDF.	oounds are: 2,3,7,8-TCDF, 1,2,3,7,8- , 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-HxCl	PcCDF 2,3,4,7,8- DF, 1,2,3,4,6,7,8-	PeCDF, 1,2,3,4 HpCDF, 1,2,3,4	1,7,8-HxCDF, 4,7,8,9-HpCDI	F, and	
	This listing was ma	de by USEPA.					
	-	Atmospheric Deposition					
	Mercury		High	71300	Acres	1998	20
	in effect for multiple sediments and loca	te fish consumption and wildlife consu e fish species including striped bass a al mercury mining; most significant ong o low level inputs from point sources.	nd shark. Major s	source is histori	ic: gold minin	g	
		Municipal Point Sources					
		Resource Extraction					
		Atmospheric Deposition					
		Natural Sources					
		Nonpoint Source			_		
	Nickel Exceedance of Cal and sediment tissu	ifornia Toxic Rules dissolved criteria a e levels.	Low and National Toxic	71300 c Rules total cri	Acres iteria; elevateo	<b>2006</b> d water	20
		Municipal Point Sources					
		Urban Runoff/Storm Sewers					
		Other					
	PCBs		Medium	71300	Acres	2003	20
	This listing covers	non dioxin-like PCBs. sory for fish; uncertainty regarding wa					
		Unknown 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.

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Approved by USEPA: 12-May-99

HYDRO REGION-TYPE NAME UNIT	POLLUTANT/STRESSOF	SOURCE	RIORITY	SIZE AFFECTED	STA UNIT DAT	RT END
, szerendeketetetetetetetetetetetetetetetetetete	PCBs (dioxin-like)* * The specific dioxin- HxCB (169), 2,3,3',4,	like PCBs are 3,4,4',5-TCB (81), 3,3',3,3 4'-PeCB (105), 2,3,4,4',5-PeCB (114), 2, 56), 2,3,3',4,4',5'-HxCB (157), 2,3',4,4',5,	High 3'-TCB (77), 3, 3',4,4',5-PeCB	71300 3',4,4',5-PeCB (1 3 (118), 2',3,4,4',	<b>Acres</b> 126), 3,3',4,4',4,4' 5-PeCB (123),	
	This listing was made	by USEPA.				
		Unknown Nonpoint Source				
	significant contribution rivers); exotic species	ranch of the food chain; most sensitive i ns from oil refineries (control program in may have made food chain more susc v in effect for scaup and scoter (diving d ace.	place) and ag ptible to accu	riculture (carried mulation of selei	downstream by nium; health	6 2010
		Industrial Point Sources				
		Agriculture				
		Natural Sources				
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	en en en se	Exotic Species	Co. Wick. Colmanya Mi	the set is a figure of the figure of the set	na matagoni da Sont Umar 1000 - 200 0 Jan	s what we der all all has a set of the second second
2 B SUISUN BAY 207.100						
	Chlordane This listing was made	by USEPA.	Low	25000	Acres	
		Nonpoint Source				
	Copper Exceedance of Califo and sediment tissue I	mia Toxic Rules dissolved criteria and N evels.	<b>Medium</b> lational Toxic I	25000 Rules total criten	Acres 2003 ia; elevated water	
		Municipal Point Sources Urban Runoff/Storm Sewers Other				
		Atmospheric Deposition				
	DDT		Low	25000	Acres	
	This listing was made					
	<b>D</b> . <b>1</b>	Nonpoint Source	<b>M .</b>	07000	• •	
	agricultural application	water column toxicity. Two patterns: p n in late winter and pulse from residentia ly summer. Chlorpyrifos may also be th	al land use are	as linked to hom	eowner pesticide	
		Nonpoint Source				
	Dieldrin This listing was made	by USEPA.	Low	25000	Acres	
	-	Nonpoint Source				
	• •	unds are: 2,3,7,8-TCDD, 1,2,3,7,8-PeC ,2,3,4,6,7,8-HpCDD, and OCDD.	High DD, 1,2,3,4,7,8	<b>25000</b> B-HxCDD, 1,2,3,0	Acres 6,7,8-HxCDD,	
	This listing was made	by USEPA.				
	····· ······ · ····· · ·······	Atmospheric Deposition				

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

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REGION TYPE NAME	UNIT POLLUTANT/STRESS Exotic Species	SOURCE	PRIORITY	AFFECTED 25000	UNIT	DATE 1998	DA 200
		nthos; change pollutant availability					200
	Distupt Hatarar ber	Ballast Water	in lood ondin, disrupt				
	Furan compounds*	Bandst Water	High	25000	Acres		
	* The specific com	pounds are: 2,3,7,8-TCDF, 1,2,3, <sup>-</sup> , 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-I	7,8-PcCDF 2,3,4,7,8-F			F, and	
	This listing was ma	ade by USEPA.					
		Atmospheric Deposition					
	Mercury		High	25000	Acres	1998	200
	mining sediments	ate fish consumption and wildlife co and local mercury mining; most sig moderate to low level inputs from	nificant ongoing sour				
		Industrial Point Sources					
		Resource Extraction					
		Atmospheric Deposition					
		Natural Sources					
		Nonpoint Source					
	Nickel Exceedance of Ca and sediment tissu	lifornia Toxic Rules dissolved crite Je levels.	Low ria and National Toxic	25000 Rules total crit	Acres eria; elevated	2006 d water	20 <sup>.</sup>
		Municipal Point Sources					
		Urban Runoff/Storm Sewers	5				
		Other					
	PCBs		Medium	25000	Acres	2003	200
		non dioxin-like PCBs. isory for fish; uncertainty regarding	water column concen	tration data			
		Unknown Nonpoint Source	Water column concern	adion data.			
	PCBs (dioxin-like)*		High	25000	Acres		
	* The specific dio HxCB (169), 2,3,3	kin-like PCBs are 3,4,4',5-TCB (81) ',4,4'-PeCB (105), 2,3,4,4',5-PeCB (156), 2,3,3',4,4',5'-HxCB (157), 2	), 3,3',3,3'-TCB (77), 3 (114), 2,3',4,4',5-PeC	B (118), 2',3,4,	4',5-PeCB (12	23),	
	This listing was ma	ade by USEPA.					
		Unknown Nonpoint Source					
	Selenium		Low	25000	Acres	2006	20
	significant contribu rivers); exotic spec	e branch of the food chain; most su ttions from oil refineries (control pro- cies may have made food chain mo sory in effect for scaup and scoter in place.	ogram in place) and a pre susceptible to acc	griculture (carri umulation of se	ed downstrea lenium; healt	am by h	
		Industrial Point Sources					
		Natural Sources					
		Exotic Species					

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

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	1.25		HYDRO		and the second second second		SIZE	n de la com	START	END
REGION	TYPE	NAME	UNIT	POLLUTANT/STRESSOR	SOURCE	RIORITY	AFFECTED	UNIT	DATE	DATE
2	в	TOMALES BAY	201.110							
	٠			Metals		Medium		Acres	2002	2007
				TMDL will be develope and Walker Creek, mu	ed as part of evolving watershed manag ist be managed first. Additional monito	rement effort. ring and asses	Tributary streams sment needed.	, Lagunitas	Creek	
					Mine Tailings					
				Nutrients	-	Medium		Acres	2002	2007
				TMDL will be develope and Walker Creek, mu	ed as part of evolving watershed manag ist be managed first. Additional monitol	ement effort. ring and asses	Tributary streams sment needed.	, Lagunitas	Creek	
					Agriculture					
				Pathogens		Medium		Acres	2002	2007
				TMDL will be develope and Walker Creek, mu	ed as part of evolving watershed manag Ist be managed first. Additional monito.	rement effort. ring and asses	Tributary streams sment needed.	, Lagunitas	Creek	
					Animal Operations					
					Septage Disposal					
				Sedimentation/Siltation		Medium		Acres	2002	2007
					ed as part of evolving watershed manag Ist be managed first. Additional monito			, Lagunitas	Creek	
					Agriculture					
					Upstream Impoundment					
2	É	SACRAMENTO SAN JOAQUIN DELTA	207.100	a na ang ang ang ang ang ang ang ang ang	ĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ	an a			were zooone	9 Mar 2017 100 010
				Chlordane		Low	15000	Acres		
				This listing was made	by USEPA.					
					Nonpoint Source					
				Copper Exceedance of Califor and sediment tissue le	mia Toxic Rules dissolved criteria and N evels.	Medium National Toxic		Acres ; elevated v	2003 water	2008
					Municipal Point Sources					
					Urban Runoff/Storm Sewers					
					Other					
					Atmospheric Deposition					
				TOD		Low	15000	Acres		
				This listing was made	by USEPA.		•			
					Nonpoint Source					
				Diazinon	•	Medium	15000	Acres	2000	2005
				Diazinon levels cause agricultural application	water column toxicity. Two patterns: p n in late winter and pulse from residenti ly summer. Chlorpyrifos may also be th	al land use are	as linked to home	owner pest		
					Nonpoint Source					
				Dieldrin This listing was made		Low	15000	Acres		
					Nonpoint Source					

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UNIT POLLUTANT/STRES	SOR* SOURCE	PRIORITY	AFFECTED		DATE	DA
Dioxin compounds*		High	15000	Acres	00	
•	npounds are: 2,3,7,8-TCDD, 1,2,3,7,8-F D, 1,2,3,4,6,7,8-HpCDD, and OCDD.	'eCDD, 1,2,3,4,7	.8-HXCDD, 1,2	, 3, 0, 7, 8-HXCI	<i>.</i> ,	
This listing was m	ade by USEPA.					
	Atmospheric Deposition					
Exotic Species		High	15000	Acres	1998	200
Disrupt natural be	enthos; change pollutant availability in fo	od chain; endang	er food availal	bility to native	species.	
	Ballast Water					
Furan compounds*		High	15000	Acres		
	npounds are: 2,3,7,8-TCDF, 1,2,3,7,8-F F, 1,2,3,7,8,9-HxCDF, 2',3,4,6,7,8-HxCE				)F, and	
This listing was m	nade by USEPA					
The houry was h	Atmospheric Deposition					
Mercury	Autospheric Deposition	High	15000	Acres	1998	20
	cate fish consumption and wildlife consu					200
mining sediments	and local mercury mining; most signific s; moderate to low level inputs from poin	ant ongoing sour				
	Industrial Point Sources					
	Municipal Point Sources					
	Resource Extraction					
	Recording Exclusion					
	Atmospheric Deposition					
	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al	Low nd National Toxic	<b>15000</b> Rules total cr	Acres iteria; elevate	<b>2006</b> d water	20 <sup>-</sup>
	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al sue levels. Municipal Point Sources					20 <sup>-</sup>
Exceedance of C	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al sue levels. Municipal Point Sources Urban Runoff/Storm Sewers					201
Exceedance of C and sediment tiss	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al sue levels. Municipal Point Sources	nd National Toxic	Rules total cr	iteria; elevate	d water	
Exceedance of C and sediment tiss PCBs This listing covers	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al sue levels. Municipal Point Sources Urban Runoff/Storm Sewers	nd National Toxic Medium	Rules total cr			
Exceedance of C and sediment tiss PCBs This listing covers	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria an sue levels. Municipal Point Sources Urban Runoff/Storm Sewers Other s non dioxin-like PCBs.	nd National Toxic Medium	Rules total cr	iteria; elevate	d water	201 200
Exceedance of C and sediment tiss PCBs This listing covers Interim health adv PCBs (dioxin-like)*	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria an sue levels. Municipal Point Sources Urban Runoff/Storm Sewers Other s non dioxin-like PCBs. visory for fish; uncertainty regarding wate Unknown Nonpoint Source	nd National Toxic Medium er column concer High	Rules total cr 15000 htration data. 15000	iteria; elevate Acres Acres	d water 2003	
Exceedance of C and sediment tiss PCBs This listing covers Interim health adv PCBs (dioxin-like)* * The specific dio HxCB (169), 2,3,3	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria an sue levels. Municipal Point Sources Urban Runoff/Storm Sewers Other s non dioxin-like PCBs. visory for fish; uncertainty regarding wate	Medium Medium er column concer High 1,3,3'-TCB (77), 3 2,3',4,4',5-PeC	15000 15000 htration data. 15000 9,3',4,4',5-PeC. B (118), 2',3,4	Acres Acres B (126), 3,3',4 ,4',5-PeCB (1	d water 2003 4,4',4,4'- 23),	
Exceedance of C and sediment tiss PCBs This listing covers Interim health adv PCBs (dioxin-like)* * The specific dio HxCB (169), 2,3,3	Atmospheric Deposition Nonpoint Source alifornia Toxic Rules dissolved criteria al sue levels. Municipal Point Sources Urban Runoff/Storm Sewers Other s non dioxin-like PCBs. visory for fish; uncertainty regarding wate Unknown Nonpoint Source oxin-like PCBs are 3,4,4',5-TCB (81), 3,3 3',4,4'-PeCB (105), 2,3,4,4',5-PeCB (114) 3 (156), 2,3,3',4,4',5'-HxCB (157), 2,3',4,	Medium Medium er column concer High 1,3,3'-TCB (77), 3 2,3',4,4',5-PeC	15000 15000 htration data. 15000 9,3',4,4',5-PeC. B (118), 2',3,4	Acres Acres B (126), 3,3',4 ,4',5-PeCB (1	d water 2003 4,4',4,4'- 23),	

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				Selenium Affected use is one branch of the food chain; most sensitive ind significant contributions from oil refineries (control program in p rivers); exotic species may have made food chain more suscep consumption advisory in effect for scaup and scoter (diving duo Control Strategy in place.	lace) and ag tible to accu	griculture (carried umulation of selen	downstream ium; health	n by	2010
				Industrial Point Sources Agriculture Natural Sources					
				Exotic Species					
weeren fie D			205.400	a oo saa ahaa ahaa ahaa ahaa ahaa ahaa a	er om der kans yn off Talschräden	anaine ann ann ann ann an an an an an an an an	a managera	e 177 menerations and Jords	Marina (Marina (Marina Marina (Marina
£			200.400	Mercury TMDL will be developed as part of the Santa Clara Basin Wate monitoring and assessment is needed. Surface Mining Mine Tailings	High rshed Mana	<b>350</b> gement Initiative.	Acres Additional	1998	2003
	censonae a	ans in a search aith a said an ann an		anan a anan arana ana ana ana ana ana an	tain be - we the week the second	e State Margales (Margales and States and States)	anter o acontez	وريديده بالرابات	
2	L	GUADALUPE RESERVOIR	205.400	<b>Mercury</b> TMDL will be developed as part of the Santa Clara Basin Wate monitoring and assessment is needed.	High rshed Manag	80 gement Initiative.	Acres Additional	1998	2003
				Surface Mining Mine Tailings					
	caurus canac L		207.210	ar an ann a fharraidh aith fioladhaidh fochaidh a le Cala " Arainn ann an Stainnainn Anna ann an Stainnair Anna An ann an fhairtean ann an Anna Anna Anna Anna Anna	an an a tha <b>tha a</b> she an a she an	and the <b>the second of</b> the		Alan II Maria Al	a i a tangin na
				Mercury Additional monitoring and assessment needed. Problem due to Surface Mining	Low historical n	<b>110</b> nining.	Acres	2005	2010
2	L.	MERRITT LAKE	204.200	ĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨĨ	n san Bradmann, Ada Bartik, Adas	an a		86.05*8#8#20~~	n at Mansachan sa tan
				Floating Material This listing was made by USEPA.	Low	160	Acres		
				Nonpoint Source Org. enrichment/Low D.O. This listing was made by USEPA.	Low	160	Acres		
0.200°05388	ers marries an	n 1999 ya Gordan Managara Managara na m		Nonpoint Source	anates states a generative states	transferition and the second second		3000 N 2000 F 100 - 100	
2	R	ALAMEDA CREEK	204.300	Disting	• • • •	50 <b>7</b> 7			
				Diazinon This listing was made by USEPA.	Low	50.77	Miles		
	anna anna anna anna anna anna anna ann				2.1652469112-19-0222-02	an in a state and the state of the second		nan ang ang ang ang ang ang ang ang ang	CENTER CONTRACTOR
2	R	ALAMITOS CREEK	205.400	Mercury TMDL will be developed as part of the Santa Clara Basin Water monitoring and assessment is needed.	High shed Manag	<b>21</b> gement Initiative.	Miles Additional	1998	2003

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			203.200			AFFECTED	A CARLON OF STATES STATES	DATE	DAT
2	R	ARROYO CORTE MADERA DEL PRESIDIO	203.200						
				Diazinon	Low	3.2	Miles		
				This listing was made by USEPA.					
	*	المراجع والمراجع والم		Urban Runoff/Storm Sewers	د این			~ .	
2	R	ARROYO DE LA LAGUNA	204.300						
				Diazinon	Low	7.4	Miles		
				This listing was made by USEPA.					
		المحالية والمعجم وحوال الالالا المراجع	- server - , is	Urban Runoff/Storm Sewers					
2	R	ARROYO DEL VALLE	204.300						
				Diazinon	Low	48.7	Miles		
				This listing was made by USEPA.					
			<i>.</i>	Urban Runoff/Storm Sewers					
2	R	ARROYO HONDO	204.300						
				Diazinon	Low	9.23	Miles		
				This listing was made by USEPA.					
				Urban Runoff/Storm Sewers					
2	R	BUTANO CREEK	202.400						
			Sedimentation/Siltation Impairment to steelhead habitat.	Medium	1	Miles	2000 2	200	
			Nonpoint Source						
_	_	· · · · · · · · · · · · · · · · · · ·							
2	R	CALABAZAS CREEK	206.401				<b>M4</b> 11		
				Diazinon This listing was made by USEPA.	Low	4.7	Miles		
				Urban Runoff/Storm Sewers					
2			202 200	na na se	وريوا المهمر مسترا				
2	R	CORTE MADERA CREEK	203.200	Diazinon	Low	4.12	Miles		
				This listing was made by USEPA.	LOW	4.12	whies		
				Urban Runoff/Storm Sewers					
2	R	COYOTE CREEK (MARIN CO)	203.200	and the state of the	a ng ta sa ka sa		·		
2	n	COTOTE CREEK (MARIN CO)	203.200	Diazinon	Low	2.62	Miles		
				This listing was made by USEPA.	Low	2.02	MIICS		
				Urban Runoff/Storm Sewers					
2	R	COYOTE CREEK (SANTA CLARA	205.300	n an	, s <u>,</u> sss, s,s	*	· · · ·		
-		CO.)	200.000						
				Diazinon	Low	68.63	Miles		
				This listing was made by USEPA.					
	~ .z ·	and the second	1. 799Cz. 44 - 2428 May 5**	Urban Runoff/Storm Sewers	W		in all a	5 1 Aug. 1.00 - 57 - 588 - 54	
2	R	GALLINAS CREEK	206.200						
				Diazinon	Low	2.4	Miles		
				This listing was made by USEPA.					
				Urban Runoff/Storm Sewers					

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REGION	I TYPE	NAME	HYDRO	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE	UNIT	START DATE	END DATE
2	R	GUADALUPE CREEK	· 205.400	Mercury TMDL will be developed as part of the Santa Clara Basin Wat monitoring and assessment is needed. Mine Tailings	High tershed Ma	6 nagement Initiative.	Miles Additional	1998	2003
2	R	GUADALUPE RIVER	205.400	Diazinon This listing was made by USEPA. Urban Runoff/Storm Sewers	Low	18.21	Miles	a waran	1499-1499-2015 1499-1499-2015
				Mercury TMDL will be developed as part of the Santa Clara Basin Wat monitoring and assessment is needed. Mine Tailings	High tershed Ma	<b>30</b> nagement Initiative.	Miles Additional	1998	2003
2	R	LAGUNITAS CREEK	201.130	Nutrients Tributary to Tomales Bay. TMDLs will be developed as part of Additional monitoring and assessment needed. Agriculture Urban Runoff/Storm Sewers	Medium of evolving	22 watershed manager	Miles nent effort.	2002	2007
				Pathogens Tributary to Tomales Bay. TMDLs will be developed as part of Additional monitoring and assessment needed. Agriculture Urban Runoff/Storm Sewers	Medium of evolving	22 watershed managen	Miles nent effort.	2002	2007
			:	Sedimentation/Siltation Tributary to Tomales Bay. TMDLs will be developed as part of Additional monitoring and assessment needed. Agriculture Urban Runoff/Storm Sewers	Medium of evolving	22 watershed manager	Miles nent effort.	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		αρ <i>του Τ</i> Ο 4656 σ <sup>-</sup> Το γ

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

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EGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	• SOURCE	PRIORITY	SIZE	UNIT	START DATE	ENI DAT
2	R	MATADERO CREEK	205.500							
				Diazinon		Low	7.34	Miles		
				This listing was made	•					
		the two states and the states of the states	v	19	Urban Runoff/Storm Sewers	uante situes i tra .	v	*. <i>,</i>	and the second	a
2	R	MILLER CREEK	206.200							
				Diazinon		Low	9.03	Miles		
				This listing was made	•					
·		а ця, н	10.42400 0	5 51 J. W	Urban Runoff/Storm Sewers	eraan	*: *:	· … · *		2010
2	R	MT. DIABLO CREEK	207.310							
				Diazinon		Low	12.63	Miles		
				This listing was made	•					
			a sa ang	**	Urban Runoff/Storm Sewers	ense a que a				
2	R	NAPA RIVER	206.500							
				Nutrients		Medium	55	Miles	2000	20
				I MDL will be develope assessment needed.	ed as part of ongoing watershed mana	igement effort.	Additional monito	nng and		
		•			Agriculture					
				Pathogens		Medium	55	Miles	2000	20
				TMDL will be develope assessment needed.	ed as part of ongoing watershed mana	gement effort.	Additional monito	ning and		
					Agriculture					
					Urban Runoff/Storm Sewers					
				Sedimentation/Siltation		High	55	Miles	1998	20
				TMDL will be develope assessment needed.	ed as part of ongoing watershed mana	gement effort.	Additional monito	ning and		
					Agriculture					
					Construction/Land Development					
					Urban Runoff/Storm Sewers					
2	R	NOVATO CREEK	206.200	ngan na kana sa kana kana kana kana kana k	ng ng la la ang ng n	· · · 201 - · · · · · · · · · · · · · · · · · ·				
				Diazinon		Low	18.74	Miles		
				This listing was made	by USEPA.					
					Urban Runoff/Storm Sewers					
2	R		205.500	nation y a constant dan	er∛art qeballe nir allaeti estada e ti ak ti i vil	1.5031519194 94		¥.• •" '		
		· · · · · · · · · · · · ·		Diazinon		Low	13.1	Miles		
				This listing was made	by USEPA.	-				
					Urban Runoff/Storm Sewers					
2	R	PESCADERO CREEK (REG 2)	202.400	a second and a second	nin (an an a	- ···· . 9 ·C· · · ·	· .	815 - X	, ngariya	
-				Sedimentation/Siltation		Medium	21	Miles	2000	200
				Impairment to steelhea	ad habitat.					200
					Nonpoint Source					

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2	R	PETALUMA RIVER	206.300							
-	ĸ		200.000	Nutrients		Medium	25	Miles	2000	20
					art of ongoing watershed manag					
				Cons	ulture truction/Land Development n Runoff/Storm Sewers					
				Pathogens TMDL will be developed as p assessment needed.	art of ongoing watershed manag	Medium gement effort.	25 Additional monito	Miles ring and	2000	20
				Cons	ulture truction/Land Development n Runoff/Storm Sewers					
				Sedimentation/Siltation TMDL will be developed as p assessment needed.	art of ongoing watershed manag	Medium gement effort.	25 Additional monito	Miles ring and	2000	20
				Cons	ulture truction/Land Development n Runoff/Storm Sewers					
2		207.310	Diazinon This listing was made by USI	_	Low	12.56	Miles	•	2 - 4	
et and the second s	1000 (SICHCHART)	ann an	102.000	Urbai	n Runoff/Storm Sewers	t. I.:	an a	Dan Saura 🗸 🖓	·	
2	R	PINOLE CREEK	206.600	Diazinon This listing was made by USI Urbai	EPA. n Runoff/Storm Sewers	Low	9.17	Miles		
2	R	RODEO CREEK	201.300	Diazinon This listing was made by USI	EPA. n Runoff/Storm Sewers	Low	7.96	Miles	άχ 3000 - «Κ. ΝΟΥΝΟΙΙΑΝΟ».	2 / h- <sup>2</sup> 662
2	R	SAN ANTONIO CREEK (REG 2)	206.300	Diazinon		Low	17.77	Miles	886 ° - 1000 : 201 <sup>9</sup> - 4017 5 962 C	9958849 <b>-4</b> 6 <b>9</b>
				This listing was made by USI Urba	EPA. n Runoff/Storm Sewers					
2	R	SAN FELIPE CREEK	205.300	Diazinon This listing was made by USI Urbaı	EPA. n Runoff/Storm Sewers	Low	15.47	Miles	222-73. Frod Figh Latin (1997)	~~~~
2	R	SAN FRANCISQUITO CREEK	205.500	Diazinọn This listing was made by USI	nan managan ku yaka ang kang kang kang kang kang kang ka	Low	12.05	Miles		

Water Act Section 303(d). In a few cases, they provide necessary information.

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REGION			HYDRO	POLLUTANT/STRESSOR*	SOURCE		PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
<u></u>		<u> </u>		Sedimentation/Siltation Impairment to steelhead I	habitat.		Medium	18	Miles	2000	2005
				No	onpoint Source						
2	R	SAN GREGORIO CREEK	202.300								~
-				Sedimentation/Siltation Impairment to steelhead I	habitat.		Medium	16	Miles	2000	2005
				N	onpoint Source						
2	R	SAN LEANDRO CREEK	204.200								
				Diazinon			Low	14.77	Miles		
				This listing was made by		Causara					
				U	rban Runoff/Storm	Sewers					
2	2 R SAN LORENZO CREEK (R2)	204.200					11 7				
			Diazinon This listing was made by	USEPA.		Low	11.7	Miles			
			• •	rban Runoff/Storm	Sewers						
2	2 R SAN MATEO CREEK	204.400									
2	N		204.400	Diazinon			Low	11.05	Miles		
				This listing was made by	USEPA.						
				U	rban Runoff/Storm	Sewers				•	
2	R	SAN PABLO CREEK	206.600								
				Diazinon			Low	16.14	Miles		
				This listing was made by	USEPA. rban Runoff/Storm	Sowers					
				U	ruan Runom/Storm	Jewers					
2	R	SAN RAFAEL CREEK	203.200	Dission			Low	20	Miles	2000 2	
				Diazinon This listing was made by	USEPA.		Low	2.8	Miles		
				• •	rban Runoff/Storm	Sewers					
2	R	SARATOGA CREEK	205,500								
~	i.		200.000	Diazinon			Low	17.86	Miles		
				This listing was made by							
				ប	rban Runoff/Storm	Sewers	. 1				
2	R	SONOMA CREEK	206.400								
				Nutrients TMDL will be developed a assessment needed.	as part of ongoing w	vatershed manag	Medium gement effort.	23 Additional mo	Miles hitoring and	2000	2005
					griculture						
					onstruction/Land E	Development					
					rhan Runoff/Storm	Sources					

Urban Runoff/Storm Sewers

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REGION	TYP			POLLUTANT/STRESSOR SOURCE	PRIORITY	SIZE	UNIT	START DATE	END DATI
				Pathogens TMDL will be developed as part of ongoing watershed m assessment needed.	Medium nanagement effort	23 Additional mo	Miles Initoring and	2000	2005
				Agriculture Construction/Land Developme Urban Runoff/Storm Sewers	nt				
				Sedimentation/Siltation TMDL will be developed as part of ongoing watershed m assessment needed.	Medium nanagement effort	23 Additional mo	Miles Initoring and	2000	2005
				Agriculture Construction/Land Developme Urban Runoff/Storm Sewers	nt		·		
2	R	STEVENS CREEK	205.500					.,, .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
				Diazinon This listing was made by USEPA.	Low	22.26	Miles		
de la de set antes de la company	er ratentuetes s	and a sub-state of the sub-	and a state of the Charge and the second state of the second	Urban Runoff/Storm Sewers	no Storet e	ب بغوی روب یو هدر از	wet as a second		5.27.1
2	R	SUISUN SLOUGH	207.23			a a contrari			0,000
				Diazinon This listing was made by USEPA.	Low	10	Miles		
				Urban Runoff/Storm Sewers					
2	Roomer schere R	WALKER CREEK	201.120	a statist stransferense sonowersen ander werden en waard nammer of de service anderes waard herde herden strengen sonowerse de service and s	Geographic and showing the standard second	28 (24) - C.MANSMOUT, (24) (89)	hallingthe area is give a second	in its lange n	
				Metals Tributary to Tomales Bay. TMDLs will be developed as Additional monitoring and assessment needed.	Medium part of evolving w	25 atershed mana	Miles gement effort.	2002	2007
				Surface Mining Mine Tailings					
				Nutrients Tributary to Tomales Bay. TMDLs will be developed as Additional monitoring and assessment needed. Agriculture	Medium part of evolving w	25 atershed mana	Miles gement effort.	2002	2007
				Sedimentation/Siltation Tributary to Tomales Bay. TMDLs will be developed as Additional monitoring and assessment needed.	Medium part of evolving w	25 atershed mana	Miles gement effort.	2002	2007
	ker istra	Na kana mana mana kana di pana di sina kana kana kana kana kana kana kana k	and contract and an and a subsequences with the same		<b>nda XII Waxa</b> ta Katalara A <b>rast</b> a	analan asa akan daga masaka ang	and a construction of the second		<b>Wet Whee a</b> t
2	R	WALNUT CREEK	207.320	Diazinon	Low	9.03	Miles		
				This listing was made by USEPA. Urban Runoff/Storm Sewers	Low	3.03	MINES		
2	R	WILDCAT CREEK	206.600	er under eine eine eine eine eine eine eine ei	an a	an a	<b></b>	1927) Sameran yang da	f = 08.2783.0999 2.9993
				Diazinon This listing was made by USEPA.	Low	12.07	Miles	7	
				Urban Runoff/Storm Sewers					

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EGION	TYPE			POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	
2	T	SUISUN MARSH WETLANDS	207.230					and a second	12602 - COLUMN - 260	and a second second
				Metals		Medium	57000	Acres	2003	2008
				Additional monitoring	and assessment needed.					
					Agriculture					
					Urban Runoff/Storm Sewers					
				Nutrients	Flow Regulation/Modification		57000			
					and assessment needed.	Medium	57000	Acres	2003	200
				, additional monitoring	Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
				Org. enrichment/Low D.	•	Medium	57000	Acres	2003	200
				Additional monitoring	and assessment needed.					
					Agriculture					
					Urban Runoff/Storm Sewers					
					Flow Regulation/Modification					
				Salinity		Medium	57000	Acres	2003	200
				Additional monitoring	and assessment needed.					
					Agriculture					
					Urban Runoff/Storm Sewers					
v - manager .	e daabiin **	and the second contract of the second s	ans a site of the second second second	an ka walayyo na lina kasaratata	Flow Regulation/Modification	- NET CORRECTED SERVICE TO SERVICE	జాబ్బలు ఇంటి రాగా	a hurseelingu hir u	57.50 C.A	1 . South
3	В	MONTEREY HARBOR	309.500	•• • •						• • •
				Metals	Pailwood Slag Pilo	Medium	74	Acres	0198	040
				Unknown Toxicity	Railroad Slag Pile	Low	74	Acres	0198	041
				Unknown roxicity	Source Unknown	LOW	/4	Acies	0190	041
···· Devices										
~	×>- ~*	an antiana an taona an anns an anns an		ana ny kaodim-paositra 2008. Ilay kaodim-paositra dia mampikampika dia mampikampika dia mampikampika dia mampi	an an ann an ann an ann an ann ann ann	a 🖕 1.799 Bio 182 AV (19- 11 de 1	ja matang pagganja		on the second of	(v er særer
3	B	en pelakan en beneral i stande i fande it som er itt en der hieferen MORRO BAY	310.220		n aan ka			-		
3	B	ur annan an ann an Arlande an Arlande an Arlandean MORRO BAY		netals		High		Acres	0696	
3	B	an personal and an and a second se MORRO BAY			Surface Mining			-		
3	B	ST BELIEVEN TO THE TREE OF A STATE OF A						-		
3	B	ST BELIGLES During . There I share Bring and Art Hermer MORRO BAY			Surface Mining Nonpoint Source			-		040
3	B	ST BELIEV STORT TO AND THE STORT STORT STORT		Metals	Surface Mining Nonpoint Source	High	100	Acres	0696	040
3	B.	ur adalala on our rul i factor folden in rum en under Sekoner MORRO BAY		Metals	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes	High	100	Acres	0696	040
3	B .	un andere of the second of the		Metals	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing	High	100	Acres	0696	040
3	B .	un passalau un hourne in the state of the st		Metals	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers	High	100	Acres	0696	040
3	B .	un passatu on tournen. Tourne trade trade to runne an a des tradeer MORRO BAY		Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal	High	100	Acres	0696	040
3	B .	en alladel en borren. Telefo Brenn en al des Honore MORRO BAY		Metals	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source	High	100	Acres	0696	040 040
3	B .	AN BALBALON DUMMU. (Parto Friedrich Church an Brith Hardworf MORRO BAY	310.220	Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source Agriculture	High High	100 50	Acres Acres	0696 0696	040
3	B .	AN BRUBALEN DAMMEN, JAKEN TAREN BILLEN AL AN SAMPARA		Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source Agriculture Ifrigated Crop Production	High High	100 50	Acres Acres	0696 0696	040
3	B .	AN BRUBBLEN DAMMEN. (Partie Vielen Binnen en auf Vielenen MORRO BAY	310.220	Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source Agriculture Inigated Crop Production Construction/Land Development	High High	100 50	Acres Acres	0696 0696	040
3	· · · · · · ·	AN BRUBBLEN DAMMEN, FRANK BOUNDA BOUNDA BOUNDA AN	310.220	Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source Agriculture Infigated Crop Production Construction/Land Development Resource Extraction	High High	100 50	Acres Acres	0696 0696	0400
3	· · · · · ·	AN BRUBBLEN DANNEL. (Partie - Partie - Brutter - Br	310.220	Metals Pathogens	Surface Mining Nonpoint Source Boat Discharges/Vessel Wastes Upland Grazing Urban Runoff/Storm Sewers Septage Disposal Natural Sources Nonpoint Source Agriculture Inigated Crop Production Construction/Land Development	High High	100 50	Acres Acres	0696 0696	0400 0400 0699

Water Act Section 303(d). In a few cases, they provide necessary information:

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GIÓN	TYPE	NAME A CARACTER	HYDRO UNIT	POLLUTANT/STRESSOR	* SOURCE	PRIORITY	SIZE AFFECTED	UNIT		
3	В	MOSS LANDING HARBOR	306.000	D-44		• -				
	•			Pathogens	Agriculture	Low	40	Acres	0405	040
					Nonpoint Source					
					Boat Discharges/Vessel Wastes					
				Pesticides	0	Low	160	Acres	0405	040
					Agriculture					
					Irrigated Crop Production					
					Specialty Crop Production					
				Sedimentation/Siltation		Low	160	Acres	0405	040
					Agriculture					
					Irrigated Crop Production Agriculture-storm runoff					
					Hydromodification					
					Dredging (Hydromod.)					
					Channel Erosion					
					Erosion/Siltation					
	aanna niiganaa waxaa oo oo oo oo oo oo oo oo oo aanaa ahaa ah			Nonpoint Source						
3	C MONTEREY BAY SOUTH	309.500	nd crushing i standisticationade et particul i e d	n na	a property and the second second	and a set of the contraction of the	a in thàisint i bhairt	î ni -	- 4240 8	
_			Metals		Low	10	Miles	0198	041	
				Surface Mining						
				Pesticides		Low	10	Miles	0198	041
480,1408,0409,000,120	a manan ing	un au - en an coma de almander somer stander verstag standen mederaliser og somer som en som som som som som s		anaan oongoong actore s <b>tran</b> aan Isaadan , waxay tahoonah ka aasa		na saran ana si su san	i Whomesen are ::	an and a state of the		*.*
3	С	PACIFIC OCEAN AT POINT RINCON	315.340							
				Pathogens	11-1	Medium	5	Miles	0406	041
					Urban Runoff/Storm Sewers Nonpoint Source					
		n an				anna cornector (acors		the subscription of the		i
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	315.340							
				Nutrients		Low	80	Acres	0406	041
					Agriculture					
				Org. enrichment/Low D.C	D.	Low	80	Acres	0406	041
					Agriculture					
				Priority Organics		Low	80	Acres	0406	041
					Urban Runoff/Storm Sewers	1				
				Sedimentation/Siltation	Agriculture	Low	80	Acres	0406	041
					Construction/Land Development					
					Storm sewers					
	-		200 000	a a state and a		naturi 200 an an air an air an air an	and the second secon	anananén janganéna éna ara	ang derivation and an an an	17897°C22691389
3	E	ELKHORN SLOUGH	306.000	Pathonane	৽ ৽৽য়য়৽৶ড়ঀ৾৾৽৽ঀ৾৾ড়৾৾৾ড়৾৾ড়৾য়৾৾য়৾৾য়৾য়য়য়৾য়৾য়৾য়৾৾৽৾য়৽ঀ৾৾ঀড়৸৽৽৾৽ড়৾য়য়৾৾ড়৾য়৾য়৾৾ড়৾য়৾য়৾য়৾৾য়৾য়য়৾য়৾য়৾য়৾য়৾৾য়৾য়য়৾য়		500	A croc	0405	040
3	E	ELKHORN SLOUGH	306.000	Pathogens	Natural Sources	Low	500	Acres	0405	040

Water Act Section 303(d). In a few cases, they provide necessary information.

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	Pesticides Industrial discharge fr slough.	rom PG&E may transfer pollutants from	Low Old Salinas rive	500 Fr and Moss L	Acres anding Harb	<b>0405</b> or to the	04
	-	Agriculture					
		Irrigated Crop Production					
		Agriculture-storm runoff					
		Agricultural Return Flows					
		Contaminated Sediments					
		Erosion/Siltation					
		Nonpoint Source					
	Sedimentation/Siltation		Low	50	Acres	0405	0-
		Agriculture					
		Irrigated Crop Production					
		Agriculture-storm runoff					
		Channel Erosion					
		Nonpoint Source					
E GOLETA SLOUGH/ESTUARY	315.310		_				
	Metals		Low	200	Acres	0406	0
	Dethemene	Industrial Point Sources				0400	
	Pathogens	Urban Runoff/Storm Sewers	Low	200	Acres	0406	0
	Priority Organics	orban Runon/storm Sewers	Low	200	Acres	0406	0
	Finity organics	Nonpoint Source	LOW	200	Acres	0400	U
	Sedimentation/Siltation		Low	200	Acres	0406	0
		Construction/Land Development					
E OLD SALINAS RIVER ESTUARY	309.100	× *					
	Nutrients		Medium	50	Acres	0198	0
		Agriculture					
		Irrigated Crop Production					
		Agricultural Return Flows					
		Nonpoint Source					
	Pesticides		Medium	50	Acres	0198	0
		Agriculture					
		Irrigated Crop Production					
		Agriculture-storm runoff					
		Agriculture-irrigation tailwater					
		Agricultural Return Flows					
e e compositor e com	. Here and a state of the state	Nonpoint Source	ور به مربو مربو	age c' van vi	*	. 6	
E SALINAS RIVER LAGOON (NORTH)	309.100						
	Nutrients		Medium	75	Acres	0198	04
		Nonpoint Source		,			
	Pesticides		Medium	75	Acres	0198	04
		Agriculture					

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REGION	ТҮРЕ	NAME	HYDRO UNIT	POLLUTANT/STRESSOF	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	END DATE
				Sedimentation/Siltation	Nonpoint Source	Medium	75	Acres	0198	0401
3	E	SAN LORENZO RIVER ESTUARY	304.120	Pathogens	Urban Runoff/Storm Sewers	Medium	20	Acres	0499	0401
mot attivetion (1990)	Since Marked Street States	nn an ann an	1579 - MELING IN & SEITTE		Natural Sources Hydromodification	High	20	Acres	0198	0400
3	E	WATSONVILLE SLOUGH	305.100	Metals	Agriculture	Medium	300	Acres	0199	0403
				Oil and grease	Urban Runoff/Storm Sewers Urban Runoff/Storm Sewers Nonpoint Source	Medium	300	Acres	0199	0403
				Pathogens	Urban Runoff/Storm Sewers Source Unknown	Medium	300	Acres	0199	0403
				Pesticides	Nonpoint Source Agriculture Irrigated Crop Production Agriculture-storm runoff Agricultural Return Flows	Medium	300	Acres	0199	0403
				Sedimentation/Siltation	Nonpoint Source Agriculture Irrigated Crop Production Agriculture-storm runoff Nonpoint Source	Medium	300	Acres	0198	0401
3	L	HERNANDEZ RESERVOIR	305.500	Mercury	Subsurface Mining	Medium	619	Acres	0198	0403
3	L	NACIMIENTO RESERVOIR	309.820	Metals	Subsurface Mining Natural Sources	High	5370	Acres	0997	0400
3	R	APTOS CREEK	304.130	Pathogens	Urban Runoff/Storm Sewers	Low	4	Miles	0405	0411

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

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REGION	ТҮРЕ	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	source		SIZE FFECTED	UNIT	START DATE	END DATE
a serie care to referred.		and have been been used where the approximately 2000 approximation of the second second second second second se		Sedimentation/Siltation		Medium	4	Miles	0101	0401
					Disturbed Sites (Land Develop.)					
		ees y a same	- March 1997	s Alt A Annu A	Channel Erosion					
3	R	ARROYO BURRO CREEK	315.320	- 445 A						
				Pathogens		Medium	6	Miles	0406	0411
					Urban Runoff/Storm Sewers					
		·			Nonpoint Source	~				
3	R	BLANCO DRAIN	309.100							_
				Pesticides	• • <i>u</i>	Medium	8	Miles	0198	0405
					Channel Erosion       Medium       6       Miles       0406       0411         Urban Runoff/Storm Sewers Nonpoint Source       Medium       8       Miles       0198       0405         des       Medium       8       Miles       0198       0405         des       Medium       8       Miles       0198       0405         des       Medium       8       Miles       0198       0405         Agriculture Irrigated Crop Production Agricultural Return Flows Nonpoint Source       High       10       Miles       0493       0400         eens       Medium       10       Miles       0499       0401         Urban Runoff/Storm Sewers Nonpoint Source       Medium       10       Miles       0198       0400         eens       Low       6       Miles       0198       0400         construction/Land Development Nonpoint Source       Low       6       Miles       0406       0411         eens       Low       6       Miles       0406       0411         Nonpoint Source       Low       6       Miles       0406       0411         Nonpoint Source       High       11       Miles       0696       0400     <					
					-					
3	R	CARBONERA CREEK	304.120		a da servicio de la composición de la c					
J	R		504.120	Nutrients		High	10	Miles	0493	0400
					Nonpoint Source	-				
				Pathogens		Medium	10	Miles	0499	0401
				<b>A</b> 11 <b></b>	Nonpoint Source	1 ** t.	40	8.8°1 -	0400	0400
				Sedimentation/Siltation	Construction/l and Doucleament	High	10	Miles	U198	0400
					•					
	_	· · · · · · · · · · · · · · · · · · ·		«. ,						
3	R	CARPINTERIA CREEK	315.340	Pathorena		Low	£	Milee	0406	0411
				Pathogens	Aariculture	€OW.	U	111162	0-100	3411
					-					
					Nonpoint Source					
3	R	CHORRO CREEK	310.220	х. Э. С.		ч к. ж. 1994. оцдет ч , ц. 1. улбърг	·		" .	
3	R		510.220	Metals		Hiah	11	Miles	0696	0400
					Resource Extraction					
				Nutrients		High	11	Miles	0696	0400
					Municipal Point Sources					
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					

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

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05-2 HYDRO SIZE START END **REGION TYPE** NAME POLLUTANT/STRESSOR SOURCE PRIORITY AFFECTED UNIT UNIT. DATE Sedimentation/Siltation Miles High 11 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** 304.120 CLEAR CREEK (R3) 3 R Mercurv Medium 2 Miles 0198 0403 **Resource Extraction** Carrier Carlos No. 20 834-20-10-000.000 309.810 LAS TABLAS CREEK 3 R High Metals 13 Miles 0997 0400 Surface Mining ATTA - 2008/1919 LAS TABLAS CREEK, NORTH 309.810 3 R FORK High Metals 5 Miles 0997 0400 **Surface Mining** LAS TABLAS CREEK, SOUTH 309.810 3 R FORK Metals High Miles 0997 0400 4 Surface Mining

#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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DECIO			HYDRO				SIZE	Cicline	START	END
REGION:	R	NAME LLAGAS CREEK	UNIT 305.300	POLLUTANT/STRESSOF	Rt SOURCE	PRIORITY	AFFECTED	UNIT	DATE	DATE
3	N	LLAGAS CREEK	305.300	Nutrients		High	22	Miles	0198	0401
					Municipal Point Sources	riigii	LL	MIICS	0150	0401
					Agriculture					
					Irrigated Crop Production					
					Pasture Land					
					Agriculture-storm runoff					
					Agriculture-irrigation tailwater					
					Agricultural Return Flows					
					Urban Runoff/Storm Sewers					
					Habitat Modification					
					Nonpoint Source					
				<b>•</b> • • • • • • • • • •	Point Source					
	3 R LOMPICO CREEK		Sedimentation/Siltation	A	Medium	22	Miles	0198	0401	
				Agriculture Hydromodification						
				Habitat Modification						
_										
3		304.120	<b>A1</b> <i>i i i</i>							
				Nutrients	Sentere Diananal	High	5	Miles	0493	0400
				Pathogens	Septage Disposal	Medium	-			0404
				Facilogens	Septage Disposal	medium	5	Miles	0499	0401
					Natural Sources					
					Nonpoint Source					
				Sedimentation/Siltation		High	5	Miles	0198	0400
					<b>Construction/Land Development</b>		-			
	R LOS OSOS CREEK			Natural Sources						
3		LOS OSOS CREEK	310.220		ي ي د د بي	· 986				
				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					

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

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REGION TYPE to	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	R** SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
			Sedimentation/Siltation		High	10	Miles	DATE 5 0696 6 0406 6 0406	0699
				Agriculture					
				Irrigated Crop Production					
				Range Land					
				Upland Grazing					
				Agriculture-storm runoff					
				Hydromodification					
				Channelization					
				Dredging (Hydromod.)					
	MISSION CREEK 315.33 PAJARO RIVER 305.00			Habitat Modification					
				Removal of Riparian Vegetation	•				
				Streambank Modification/Destab	ilization				
				Channel Erosion					
				Natural Sources					
				Erosion/Siltation					
				Nonpoint Source					
a an		315 320	يري ومراكز الإيران مستعين المراجع والمحرار	14887.22.03 (1987).20.87.88.88022.8828889.9893.5425.5257.5257.5	.v., v.*afak. (*	na na sang	NG ANG STA	t dia in	14 °
3 R M	ISSION CREEK	313.320	Pathogens		Low	9	Miles	0406	0411
			i atilogens	Urban Runoff/Storm Sewers	LOW	5	Milles	0400	0411
				Septage Disposal					
			Unknown Toxicity		Low	9	Miles	0406	0411
			Unknown rexisty	Urban Runoff/Storm Sewers	LOW	5	MILES	0400	0411
e e constante a 1967 persona e	a an	1997 (1998 - 1997 - 1997) 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997		L. A. LAR AND, S. M. C. C. D. MARK ADV PARAMINENT AND ARTICLE D. M. M. M. C. M. M.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	n 1	w Varis i www. www.	e ne kan	an a
3 R P/	AJARO 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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EGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE	PRIORITY	SIZE FFECTED	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/Destabili	zation				
					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	e	. 84. 15					
-				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			1 - AMARA IN - J. I		
3	R	SALINAS RIVER	309.100	angen i na santa santa santa	y nyentar wat i zanya ya ke yikata sa sa sa sa wiya seka	a. What you " 1 200" 1 1 1 1 1 1 1		n - Loge o Val III - 1		
•				Nutrients		Medium	50	Miles	0198	0403
				Nutrients		weulun	30	wines	0130	0-103

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

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GION	TYPE	E NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE	PRIORITY A	SIZE FFECTED	UNIT	START DATE	END DATE
				Pesticides	Accientituce	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			antes	0150	0400
				Sedimentation/Siltation		Medium	90	Miles	0198	0401
					Agriculture		••		0100	
		-			Irrigated Crop Production					
					Range Land					
					Agriculture-storm runoff					
					Road					
					Construction					
					Land Development					
					Channel Erosion					
x.1243.0046117	tatiwa pikuria na 🗤	an a mar a sa 200 an	an a	an and a factor of the second seco	Nonpoint Source	SUMMERS AND A CONSISTENCY OF	No. 20 arMillion Marca Marca Marca and Araba			
3	R	SAN ANTONIO CREEK (SANTA BARBARA COUNTY)	315.310					<ul> <li>2010.000/00013-111</li> </ul>		50/2012 - 200 - 200 - - -
				Sedimentation/Siltation		Low	6	Miles	0406	0411
				·	Agriculture					
				an and the second se	Nonpoint Source					· .
3	R	SAN BENITO RIVER	305.500			alling and a set of set of a set of the set of the	e o tre interese also also also also also also also also		สรณีเล่อสระสุของ - 1.27	-
				Sedimentation/Siltation		Medium	86	Miles	0198	0401
				Sedimentation/Siltation	Agriculture	Medium	86	Miles	0198	0401
				Sedimentation/Siltation	Agriculture Resource Extraction	Medium	86	Miles	0198	0401
				Sedimentation/Siltation	•	Medium	86	Miles	0198	0401
3	R	SAN LORENZO RIVER	304.120	Sedimentation/Siltation	Resource Extraction	Medium	86	Miles	0198	0401
3	R	SAN LORENZO RIVER	304.120		Resource Extraction	aan al aa sha she	- CON MERCENCING AND AND AND A	Kana and a second statement of the	nymu a <b>stronge</b> arth lyth a'	narikaan Mittata ee ee
3	R	SAN LORENZO RIVER		Sedimentation/Siltation	Resource Extraction Nonpoint Source	Medium ************************************	86 25	Miles Miles	0198 0493	0401 0400
3	R	SAN LORENZO RIVER			Resource Extraction Nonpoint Source Septage Disposal	aan al aa sha she	- CON MERCENCING AND AND AND A	Kana and a second statement of the	nymu a <b>stronge</b> arth lyth a'	าดารีเออร์มีชีวิธีรรมชาติ
3	R	SAN LORENZO RIVER		Nutrients	Resource Extraction Nonpoint Source	High	<b>25</b>	Miles	0493	
3	R	SAN LORENZO RIVER			Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source	aan al aa sha she	- CON MERCENCING AND AND AND A	Kana and a second statement of the	nymu a <b>stronge</b> arth lyth a'	narikaan Mittata ee ee
3	R	SAN LORENZO RIVER		Nutrients	Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source Urban Runoff/Storm Sewers	High	<b>25</b>	Miles	0493	******** 0400
3	R	SAN LORENZO RIVER		Nutrients	Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source	High High	25	Miles	0493 1999	0400 2001
3	R	SAN LORENZO RIVER		Nutrients Pathogens	Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source Urban Runoff/Storm Sewers	High	<b>25</b>	Miles	0493	
3	R	SAN LORENZO RIVER		Nutrients Pathogens	Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source Urban Runoff/Storm Sewers Septage Disposal Silviculture	High High	25	Miles	0493 1999	0400 2001
3	R	SAN LORENZO RIVER		Nutrients Pathogens	Resource Extraction Nonpoint Source Septage Disposal Nonpoint Source Urban Runoff/Storm Sewers Septage Disposal	High High	25	Miles	0493 1999	0400 2001

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GION	TYPE	NAME	UNIT	POLLUTANT/STRESSOR	SOURCE	PRIORITY	AFFECTED	UNIT	START DATE	E D
3	R	SAN LUIS OBISPO CRK.(BELOW W.MARSH ST.)	310.240							
				Nutrients		High	9	Miles	0493	0
					Municipal Point Sources					
	R SAN LUI W.MARS				Agriculture					
					Irrigated Crop Production Agriculture-storm runoff					
				Pathogens	Agriculture-storm fution	High	9	Miles	0493	0
					Urban Runoff/Storm Sewers		•		0.00	
				Priority Organics		Medium	9	Miles	0498	0
,	R SHING			4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	Industrial Point Sources					
3	R SHING	SANTA YNEZ RIVER	314.000				· .	· .	* >	
	R SHINGLE MILL			Nutrients		Low	70	Miles	0403	0
					Nonpoint Source	-				
	R SHINGLE MILL CR			Salinity/TDS/Chlorides	Agriculture	Low	70	Miles	0403	0
	W.MARSH ST.) R SANTA YNEZ RIVER R SHINGLE MILL CREE R VALENCIA CREEK			Sedimentation/Siltation	Agriculture	Low	70	Miles	0403	o
					Agriculture			lines	0400	
	R SANTA R SHINGI R VALEN R WADDE				Urban Runoff/Storm Sewers					
	R SAN LUIS W.MARSH R SANTA YN R SHINGLE I R VALENCIA R WADDELL W ESPINOSA				Resource Extraction					
3	R SAN LUI W.MARS R SANTA M R SHINGLE R VALENC R WADDEL W ESPINOS	SHINGLE MILL CREEK	304.120		ಿ ನಿನ್ನಡಿಗೆ ಬಿಳಿಯಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ ಪ್ರಶಸ್ತಿ ಪ್ರಾಣಿಸಿದ್ದ ಮಾಡಿದ್ದಾರೆ. ಬೇಕೆ ಹಿಂದಿಗೆ ಹಿಂದಿಗೆ ಹಿಂದಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ ಬೇಕೆ ಹಿಂದಿಗೆ	· . /	*			
				Nutrients		High	2	Miles	0198	0
	R SAN LUIS OBISPO CRK.(BEI W.MARSH ST.) R SANTA YNEZ RIVER R SHINGLE MILL CREEK R VALENCIA CREEK				Septage Disposal		_			
				Sedimentation/Siltation	Construction/Land Development	High	2	Miles	0198	C
					Nonpoint Source					
3			304.130	te a la companya di ang		and the state of the second seco	1000	. •		
Ŭ	IN I	VALENOIA ONLEN	004.100	Pathogens		Low	7	Miles	0406	C
	W.MARSH ST.) R SANTA YNEZ RIV R SHINGLE MILL CF R VALENCIA CREEP W ESPINOSA SLOUG			J	Agriculture				• • • • •	
	W.MARSH ST R SANTA YNEZ R SHINGLE MII R VALENCIA C R WADDELL C W ESPINOSA S				Septage Disposal					
	R SANTA Y R SANTA Y R SHINGLE R VALENCI W ESPINOS			Sedimentation/Siltation		Medium	7	Miles	0401	0
	R SANTA YNE R SANTA YNE R SHINGLE MI R VALENCIA C W ESPINOSA S				Agriculture					
. :	R SHING R VALEN R WADD W ESPIN	and the second	· · · suppres and the end	a na an	Construction/Land Development	·	مين ، جو مار <sup>ي</sup>	e e e e e e e e e e e e e e e e e e e	·**	e
3	R SHING R VALEI R WADD W ESPIN	WADDELL CREEK, EAST BRANCH	304.110	NL -4-1 4		<b>N</b>	•			
	R SHINGL R VALENC R WADDE W ESPINO			Nutrients	Municipal Point Sources	Medium	3	Miles	0401	0
	R VALENC R WADDEL			, the second second second		· and Paramet ·	in in the second	···· · · /	- ج مسردر	
3	w	ESPINUSA SLOUGH	309.100	Nutrionto		Madium	220	A	0198	~
				Nutrients	Agriculture	Medium	320	Acres	0130	0
					Storm sewers					
				Pesticides		Medium	320	Acres	0198	0
					Agriculture					
					Urban Runoff/Storm Sewers					

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GION	I TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	EN DA
				Priority Organics		Medium	320	Acres	0198	040
				and the Parabolic Statement and an and the statements of the statements of the statements of the statements of	Nonpoint Source	an ann a 1996 an 1911 an 1912 an 1913 an 1914 a				
3	W	MORO COJO SLOUGH	309.100		•				PORTONOMIC POLICI	
				Pesticides		Low	345	Acres	0198	041
					Agriculture		•			
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
				Sedimentation/Siltation		Low	345	Acres	0198	041
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Construction/Land Development					
<b>K 3 (0) (0)</b> (0)		• • • • • • • • • • • • • • • • • • •	后回话 网络魏王尔 人名达尔特人尔 化合金	. Die warmen warden die straten warden werden die een	Nonpoint Source	and the second second	Anna ann an taonachtachtachtachtachtachtachtachtachtacht	and a fear when the fact which is the	• • • • • • • • • • • • • • • • • • •	1 in 187 mil.
3		SALINAS RIVER REFUGE LAGOON (SOUTH)	309.100							
	LAG			Nutrients		Medium	163	Acres	0198	040
					Agriculture					
				Pesticides		Medium	163	Acres	0198	040
					Agriculture					
				Salinity/TDS/Chlorides		Medium	163	Acres	0198	040
• • • • • • • • • • • • • • • • • • •	er manovite	s a characteristic de la l'incorrection de la compactación de la compactación de la compactación de la compact	a mar a contractor and a contractor		Agriculture		ar sancere a constant	an	i kariwan te mata rist	
3	W	SCHWAN LAKE	304.120							
				Nutrients		Low	32	Acres	0406	041
					Nonpoint Source					
				Pathogens		Low	32	Acres	0406	041
					Urban Runoff/Storm Sewers	·				
					Natural Sources	SPATISK AND COMPLEX COMMUNICATION AND AND		1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		(ht
3	W	SOQUEL LAGOON	304.130	ann an a' a' failteannan anns a' marsann ag a' a' failtean an taoint an 1960 aige ann	ALLOCATE CONTRACTOR OF A CONTRACTOR OF		an ing panganangan kanangan ka	an ar an		
-				Nutrients		Low	2	Acres	0403	040
					Septage Disposal					
					Nonpoint Source					
				Pathogens		Low	2	Acres	0403	040
				-	Urban Runoff/Storm Sewers					
					Natural Sources					
					Nonpoint Source					
				Sedimentation/Siltation		Medium	2	Acres	0401	040
					Construction/Land Development					

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A	TYPE		UNIT	POLLUTANT/STRESSO	Rt SOURCE	PRIORITY	AFFECTED		DATE	S. D∕
3	w	TEMBLADERO SLOUGH	309.100	Nutrianta		Madium	450	A	0400	~ -
				Nutrients		Medium	150	Acres	0198	04
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
				Pesticides		Medium	150	Acres	0198	0
					Agriculture					
					Irrigated Crop Production					
					Agriculture-storm runoff					
					Agricultural Return Flows					
					Nonpoint Source					
4	в	CHANNEL ISLANDS HARBOR	403.11		en en la companya de	A				
-	5			Lead		Low	220	Acres		
				Elevated levels of lea	d in sediment.	LOW	220	Acres		
	B L				Nonpoint Source					
				Zinc		Low	220	Acres		
				Elevated levels of zin	c in sediment.	200	220	Acres		
					Nonpoint Source					
-		a se a construction de la constr		e v la el	An T - 20027 A					
4	в	LA FISH HARBOR	405.12							
	B L			DDT		High	50	Acres		
				<b>-</b>	Nonpoint/Point Source					
				PAHs		High	50	Acres		
					Nonpoint/Point Source			_		
				PCBs		High	50	Acres		
				<b></b>	Nonpoint/Point Source	_	_			
				Tributyltin		Low	0	Acres		
	·	in the second	NAMES IN STREET	Marchandon Space Science Sci	Nonpoint/Point Source	a na kati na na kata na shi na shi	an an an an a		54 . ·	
4	в	LA HARBOR CONSOLIDATED SLIP	<b>405.12</b>	_						
			<u>e</u> , (	Benthic Comm. Effects		High	37.13	Acres		
			)	2	Nonpoint Source	-				
				Chlordane		Medium	37.13	Acres		
				Elevated levels of chl	ordane in tissue and sediment.					
					Nonpoint Source					
				Chromium		Medium	37.13	Acres		
				Elevated levels of chi	romium in sediment.					
					Nonpoint Source					
				DDT	-	High	37.13	Acres		
					T in tissue and sediment. Fish Co					
					Nonpoint Source					
				Lead	•	Low	37.13	Acres		
				Elevated levels of lea	d in sediment.					
					Nonpoint Source					

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Water Act Section 303(d). In a few cases, they provide necessary information.

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HYDRO	1 - 1 - p		- 74 - 20 - 20 -	SIZE	START	END
REGION TYPE NAME UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	AFFECTED	UNIT DATE	
	PAHs		High	37.13	Acres	
	Elevated levels of PA					
	<b>DOD</b> -	Nonpoint Source	<i></i> .		_	
	PCBs Elevated levels of PC	CBs in tissue and sediment.	High Fish Consumption Advis	37.13	Acres	
			rish Consumption Advis	ory for PUBS.		
$\sim$	Sediment Toxicity	Nonpoint Source	Lie-	27 42	A	
		Nonpoint Source	High	37.13	Acres	
	TributyItin	Nonpoint Source	Low	37.13	A	
	Elevated levels of tril	butyltin in tissue.	LUW	31.13	Acres	
		Nonpoint Source				
	Zinc	·····	Medium	37.13	Acres	
		nc in tissue and sediment.			. 19193	
		Nonpoint Source				
	allen 1977 van de service de la constante de la La constante de la constante de		annan an a	and the second state of the second	<b>n an an</b>	293 (m1993) an
4 B LA HARBOR INNER BREAKWATER 405.12	DDT		High	1.5	Miles	
		Nonpoint/Point Source	myn	1.5	miles	
	PAHs		High	1.5	Miles	
		Nonpoint/Point Source			111163	
	PCBs		High	1.5	Miles	
		Nonpoint/Point Source		•••		
	Tributyltin	•	Low	1.5	Miles	
	÷	Nonpoint/Point Source				
4 B LA HARBOR MAIN CHANNEL 405.12	e "Y 77 Gelik de Manageri de Sensen de Se	n an	and an		an a	al sandras and
	Beach Closures		Low	3785	Acres	
		Nonpoint/Point Source	LOW	0,00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	Copper		Low	3785	Acres	
		pper in tissue and sediment				
		Nonpoint/Point Source				
	DDT		High	3785	Acres	
	Elevated levels of DL	OT in tissue and sediment.	Fish Consumption Adviso	ry for DDT.		
		Nonpoint/Point Source				
	PAHs		High	3785	Acres	
	Elevated levels of PA	AHs in tissue and sediment.				
		Nonpoint/Point Source				
	PCBs	NRs in tissue and so d'	High	3785	Acres	
	Elevated levels of PC	CBs in tissue and sediment.	rish Consumption Advis	ory for PCBs.		
	Codimont Toutotte	Nonpoint/Point Source	•	4765	•	
	Sediment Toxicity	Nannaint/Daint Course	Low	3785	Acres	
		Nonpoint/Point Source		2705		
	Tributyltin Elevated levels of tril	hutvltin in sediment	Low	3785	Acres	
		Nonpoint/Point Source				
		Nonpoint/Point Source				

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				Zinc		Low	3785	Acres		
					c in tissue and sediment.					
					Nonpoint/Point Source					
Ă	 B	LA HARBOR SOUTHWEST SLIP	405.12	n when the the second	<ul> <li>Multiplication of Concentrational Concentration of the Concentration of Concentration (Concentration)</li> </ul>	an a	diamha an Saobhailte	an a san ay ang an	n in e navez a sin ar	9865-C
-	D		400.12	DDT		High	30	Acres		
				Fish Consumption Ad	visory for DDT.					
				·	Nonpoint Source					
				PCBs	·	High	30	Acres		
				Fish Consumption Ad	visory for PCBs.	-				
					Nonpoint Source					
				Sediment Toxicity		Medium	30	Acres		
				-	Nonpoint Source					
4	в	LONG BEACH HARBOR MAIN	405.12	en al antine de la completa de la mais de la completa	an a	and the second	AN COST PORTE -	· , ···.	No con production of	. 51
4	Б	CHANNEL, SE,W BASIN, PIER J, BREAKWTR	405.12			·				
				Benthic Comm. Effects		Medium	3594	Acres		
					Nonpoint Source					
				DDT		High	3594	Acres		
			Elevated levels of DD	T in tissue. Fish Consumption A	dvisory for DDT.					
				Nonpoint Source						
				PAHs		High	3594	Acres		
				Elevated levels of PA						
					Nonpoint Source					
				PCBs	Pain times Fish Consumption	High	3594	Acres		
				Elevated levels of PC	Bs in tissue. Fish Consumption	Advisory for PCBS.				
					Nonpoint Source			•		
				Sediment Toxicity	Nonnoint Source	Medium	3594	Acres		
		, govan a second of the second s	property in the Second Construction		Nonpoint Source	e se andre de propositiones de la	ugerspiewer, i 2,		, sectors .	A\$85.
4	в	MARINA DEL REY HARBOR-BACK BASINS	405.13							
				Benthic Comm. Effects		Low	413	Acres		
				<b></b>	Nonpoint Source		••-			
				Chlordane	and a single and a dimension	High	413	Acres		
				Elevated levels of chi	ordane in tissue and sediment.					
				0	Nonpoint Source	<b>NA 1</b> <sup>1</sup>		<b>A a</b>		
				Copper Elevated levels of cor	por in tionus and andiment	Medium	413	Acres		
				Elevaled levels of cop	oper in tissue and sediment.					
				DDT	Nonpoint Source	Ll'ab	440	Aaraa		
				DDT Elevated levels of DD	T in tissue and sediment. Shellf	High Sh Harvesting Advise	413	Acres		
					Nonpoint Source	Sir rui vostiriy Advist				
				Dieldrin	Nonpoint Source	Low	413	Acres		
				Elevated levels of die	Idrin in tissue	LOW	413	ALICO		

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HYDRO	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE		TART END
REGION TYPE WANTE UNIT	A CALL AND A	The state of the state state of the state of the state	AFFECTED		ATE DATE
	Fish Consumption Adviso	High	413	Acres	
	Nonpoint Source			-	
	High Coliform Count	High	413	Acres	
	Nonpoint Source			_	
	Lead	Low	413	Acres	
	Elevated levels of lead in tissue and sediment.				
	Nonpoint Source			_	
	PCBs	High	413	Acres	
	Elevated levels of PCBs in tissue. Shellfish Harvesting Adv	ISULY IOF PUBS.			
	Nonpoint Source				
	Sediment Toxicity	Medium	413	Acres	
	Nonpoint Source			_	
	Tributyltin	Low	413	Acres	
	Elevated levels of tributyltin in tissue.				
	Nonpoint Source				
	Zinc	Medium	413	Acres	
	Elevated levels of zinc in tissue and sediment.				
annan ar ann an ann an an an an an an an an an a	Nonpoint Source	. An	WY MANAGEMENT MADE	ning and a second strike free loss and the second	Samara sa Interastation y s
4 B PORT HUENEME HARBOR (BACK 403.11 BASINS)				. go ang anana ing kanan ing ka	
	DDT	High	50	Acres	
	Elevated levels of DDT in tissue.				
	Nonpoint Source				•
	PAHs	High	59	Acres	
	Elevated levels of PAHs in sediment.				
	Nonpoint Source				
	PCBs	High	50	Acres	
	Elevated levels of PCBs in tissue.				
	Nonpoint Source				
	Tributyltin	Low	50	Acres	
	Elevated levels of tributyltin in tissue.				
	Nonpoint Source				
	Zinc	Low	50	Acres	
	Elevated levels of zinc in tissue.				
	Nonpoint Source				
4 B SAN PEDRO BAY NEARS/OFF 405.12 SHORE ZONES- CABRILLO PIER	4 ************************************				**************************************
AREA	Chromium	1.000	40700	A	
	Elevated levels of chromium in sediment.	Low	10700	Acres	
	Nonpoint/Point Source	• • • •	40700		
	Copper	Low	10700	Acres	
	Elevated levels of copper in sediment.				
	Nonpoint/Point Source				

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ION TYPE NAME UN	IT POLLUTANT/STRESSOR* SOURCE			START UNIT DATE	
	DDT	High	10700	Acres	
	Elevated levels of DDT in tissue and sediment. Fish	Consumption Adviso	ry for DDT.		
	Nonpoint/Point Source PAHs	Hist	10700	<b>A</b> = ====	
	Elevated levels of PAHs in sediment.	High	10700	Acres	
	Nonpoint/Point Source				
	PCBs	High	10700	Acres	
	Fish Consumption Advisory for PCBs.			A0100	
	Nonpoint/Point Source				
	Sediment Toxicity	Medium	10700	Acres	
	Nonpoint/Point Source				
	Zinc	Low	10700	Acres	
	Elevated levels of zinc in sediment.				
	Nonpoint/Point Source	A104 (012) 24 (8 (9 (012)		• 	10 ago
4 B SANTA MONICA BAY OFFSHORE 413	.00		THE ADDRESS OF STREET, STREET, ST. C. & C. S. & C.	a – s s s saintean Charlen Charles – ann an	UNALSK.
AND NEARSHORE	Cadmium	Low	16640	A	
	Elevated levels of cadmium in sediment.	LOW	10040	Acres	
	Nonpoint/Point Source			-*	
	Chlordane	Low	16640	Acres	
	Elevated levels of chlordane in sediment.				
	Nonpoint/Point Source				
1	( Copper	Low	16640	Acres	
i it	Elevated levels of copper in sediment.				
Nxm n	Nonpoint/Point Source				
N) LIN	DDT	High	16640	Acres	
· · · ·	Elevated levels of DDT in tissue and sediment.				
$\int \nabla - \int \partial \nabla \nabla d x$	Nonpoint/Point Source		40040	A	
C, place	Debris	Low	16640	Acres	
	Nonpoint/Point Source Fish Consumption Adviso	High	16640	A	
121	Nonpoint/Point Source	High	10040	Acres	
	(Lead	Low	16640	Acres	
	Elevated levels of lead in tissue and sediment.	2011	10040	Adico	
	Nonpoint/Point Source				
· · · · ·	Mercury	Medium	16640	Acres	
	Elevated levels of mercury in sediment.		1		
$\sim$	Nonpoint/Point Source		,		
		Low	16640	Acres	
	Elevated levels of njckel in sediment.				
	Nonpoint/Point Source				
	PAHs	High	16640	Acres	
<del>.</del> .	Elevated levels of PAHs in sediment.	•			
·	Nonpoint/Point Source	· · · ·	· · ·		
			•		

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	HYDRO. UNIT	POLLUTANT/STRESSOR	RCE PRIORITY	SIZE AFFECTED	START EN UNIT: DATE DA
		PCBs Elevated levels of PCBs in tissue an Nonpoint/P		16640	Acres
		Sediment Toxicity Nonpoint/P	Medium	16640	Acres
		Silver Elevated levels of silver in tissue.	Low	16640	Acres
		Nonpoint/P Zinc Elevated levels of zinc in sediment. Nonpoint/P	Low	16640	Acres
4 B VENTURA HARBOR: VENTURA	403.11			n stadeseden sondere	FREMERONONIC CONTENES DE LOS DE LA CONTENENCIA DE LOS D
KEYES		High Coliform Count Nonpoint S	High ource	40	Acres
4 C ABALONE COVE BEACH	405.11	Beach Closures	Medium	0.94	Miles
		Nonpoint S DDT Elevated levels of DDT in sediment.	High	0.94	Miles
		Nonpoint S PCBs Fish Consumption Advisory for PCE Nonpoint S	High Bs.	0.94	Miles
4 C AMARILLO BEACH	404.21	DDT Fish Consumption Advisory for DD	newww.com/www.waano.com/waano.com/waano.com/waano.com/waano.com/waano.com/waano.com/waano.com/waano.com/waano.com/ High	0.3	Males
		Nonpoint S PCBs Fish Consumption Advisory for PCE Nonpoint S	High 3s.	0.3	Miles
4 C BIG ROCK BEACH	404.16	Beach Closures		1.09	Miles
		DDT Fish Consumption Advisory for DD	ource High	1.09	Miles
		Nonpoint S High Coliform Count	ource High	1.09	Miles
		Nonpoint S PCBs Fish Consumption Advisory for PCL	High Bs.	1.09	Miles
	under verbinden and to be of the	Fish Consumption Advisory for PCE Nonpoint S			<u></u>

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

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GION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE AFFECTED	START E UNIT DATE D
4	С	BLUFF COVE BEACH	405.11				
				Beach Closures	Medium	0.61	Miles
				Nonpoint Source			
				DDT	High	0.61	Miles
				Fish Consumption Advisory for DDT.			
				Nonpoint Source			
				PCBs	High	0.61	Miles
				Fish Consumption Advisory for PCBs.			
		and a second second second second second	and the second second	Nonpoint Source	and the second constants and the	دهم المع	
4	С	CABRILLO BEACH (INNER) LA HARBOR AREA	405.12				
				Beach Closures (Coliform)	Low	0.79	Miles
				Nonpoint Source			
				DDT	High	0.79	Miles
				Fish Consumption Advisory for DDT.			
				Nonpoint Source			
				PCBs	High	0.79	Miles
				Fish Consumption Advisory for PCBs.			
				Nonpoint Source			
4	C	CABRILLO BEACH OUTER	405.12	್ರಾ ಕಾಲ್ಯಾ ಪ್ರೀತ ವಿಶೇಷ ಮಾಡಿದ್ದಾರೆ. ಇವರು			ete.
-	-			Beach Closures	Medium	0.51	Miles
				Nonpoint Source			
				DDT .	High	0.51	Miles
				Fish Consumption Advisory for DDT.	-		
				Nonpoint Source			
				High Coliform Count	High	0.51	Miles
				Nonpoint Source			
				PCBs	High	0.51	Miles
				Fish Consumption Advisory for PCBs.			
				Nonpoint Source			
4	C	CARBON BEACH	404.16	ക്ഷയം പ്രതിവ് ന് പ്രക്ഷീത്തിന്റെ പ്രതിന്നും പ്രക്ഷയം പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്നും പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്റെ പ്രതിന്റെ പ	e in any an approximation of the second of the	**	a a sa an
	-			Beach Closures	Medium	1.48	Miles
				Nonpoint Source			
				DDT	High	1.48	Miles
				Fish Consumption Advisory for DDT.	· · · ə · ·		
				Nonpoint Source			
				PCBs	High	1.48	Miles
				Fish Consumption Advisory for PCBs.	· · · <b>3·</b> ·		
				Nonpoint Source			
			ADE 12	a i near 2 an 1946 i 1977. An 1977 an 1986 an 1978 an 1979 an 1	1995	The stand of the state of the s	a na ana maini na tama mana mana ang ang ang ang ang ang ang ang ang
4	С	CASTLEROCK BEACH	405.13	Basch Closures	Bit a clima-	0.81	Miles
				Beach Closures	Medium	0.01	WIIICS
				Nonpoint Source			

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REG	ION	ТҮРЕ	NAME	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY		START END UNIT DATE DATE
Tenne (Kristin tradition					DDT Fish Consumption Advisory for DDT.	High	0.81	Miles
					Nonpoint Source PCBs Fish Consumption Advisory for PCBs. Nonpoint Source	High	0.81	Miles
4		Ċ	DAN BLOCKER MEMORIAL (CORAL) BEACH	404.31	High Coliform Count Nonpoint Source	High	1.04	Entransmusenten enterheisten zursamstern zu seiner derendussion neue. Miles
4	le anemp	С	DOCKWEILER BEACH	405.12	Beach Closures	Medium	5.4	Miles
				nusse The second se	Nonpoint Source High Coliform Count Nonpoint Source	High	5.4	Miles
4	••••	С	ESCONDIDO BEACH	404.34	Beach Closures Nonpoint Source	Medium	2.05	Miles
					DDT Fish Consumption Advisory for DDT.	High	2.05	Miles
					Nonpoint Source PCBs Fish Consumption Advisory for PCBs. Nonpoint Source	High	2.05	Miles
3-675 X 3858 4	n (800), V/223 	С	FLAT ROCK POINT BEACH AREA	405.11	Beach Closures	Medium	0.3	Markananderskaler von von versteren under neuwerzeren under neuwerzeren von von von versteren von versteren von
					Nonpoint Source DDT Fish Consumption Advisory for DDT.	High	0.3	Miles
					Nonpoint Source 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	
4		С	INSPIRATION POINT BEACH	405.11	Beach Closures	Medium	0.3	Miles
					Nonpoint Source DDT Fish Consumption Advisory for DDT. Nonpoint Source	High	0.3	Miles

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GION TYPE		HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE AFFECTED	START EN UNIT DATE DAT
	and a second		PCBs	High	0.3	Miles
			Fish Consumption Advisory for PCBs.			
	non the 12 to 112 and 10 to 11 to 12 to 10 to		Nonpoint Source	we for the second second second	,	
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	11.1		
			PCBs Fish Consumption Advisory for PCBs.	High	0.74	Miles
	and the second	ere algebar s	Nonpoint Source	1. × 2007.00 6.281.5400.11 5	5.1 y 5	Summer contracts a company of
4 C	LAS FLORES BEACH	404.15				
			DDT	High	0.76	Miles
			Fish Consumption Advisory for DDT.			
			Nonpoint Source	t li a b		<b>88'1</b>
			High Coliform Count Nonpoint Source	High	0.76	Miles
			PCBs	High	0.76	Miles
			Fish Consumption Advisory for PCBs.	nign	0.76	Miles
			Nonpoint Source			
4 C		404.40	1	· · · · · · · · · · · · · · · · · · ·	· · ·	
4 L	LAS TUNAS BEACH	404.12	Reach Cleaning	Madium	4.95	<b>N4</b> 11
			Beach Closures Nonpoint Source	Medium	1.25	Miles
			DDT	High	1.25	Miles
			Fish Consumption Advisory for DDT.	nign	1.20	WINCS
			Nonpoint Source			
			PCBs	High	1.25	Miles
			Fish Consumption Advisory for PCBs.	5		
			Nonpoint Source			
4 C	LEO CARILLO BEACH (SOUTH COUNTY LINE)	IOF 404.44	- ಅಧಿವರ್ಷದೇಶದ ಕಾರ್ಯಕ್ರಿಯ ಸಂಗಿದ್ದ ಸಂಗಿದ್ದ ಕಾರ್ಯಕ್ರಿಯ ಕಾರ್ಯಕ್ರಿಯ ಕಾರ್ಯಕ್ರಿಯ ಕಾರ್ಯಕ್ರಿಯ ಕಾರ್ಯಕರ್ಯ ಕಾರ್ಯಕರ್ಯ ಸಂಗಿದ -	una magginagi na papinghung periodik na papinghung	ten og en sæde	ுக்கு உடல்கள் ஆல்லில் உரசு ம
			Beach Closures	Medium	1.15	Miles
			Nonpoint Source	meanan		10163
			High Coliform Count	High	1.15	Miles
			Nonpoint Source			
	LONG DOINT BEACH	105.44		the state of the state of the state.	e the second	aya ay i i i i i i i
4 C	LONG POINT BEACH	405.11	DOT	1 12 <b>L</b>	0.45	Milan
			DDT Fish Consumption Advisory for DDT.	High	0.45	Miles
			Nonpoint Source			
			High Coliform Count	High	0.45	Miles
			Nonpoint Source	nıyır	0.40	MIICO
			Nonpoint Source			

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4/22.46 C			HYDRO			SIZE	S	TART EN
GION	ΙͺϓΡΙ		UNIT	POLLUTANT/STRESSOR* SOURCE		AFFECTED		DATE
				PCBs	High	0.45	Miles	
				Fish Consumption Advisory for PCBs.				
				Nonpoint Source				
<b>A</b>	ه، در <b>میرد</b> ونون <b>C</b>	LUNADA BAY BEACH	405.11	n on all man or a the land and an all and all all all all all all all all all al	annan a fan i an	a	AND DESCRIPTION OF AN ADDRESS CANCELED ADDRESS OF A	art itera anti-constanta tan
•	•			Beach Closures	Medium	0.35	Miles	
				Nonpoint Source	mouran	0.00	MIIICS	
- <b>(******</b> ******************************	-* <b>%% (%%</b> ) in 1/4/-	and a second	RENEW CONTRACTOR	y da ala kana mangkana kanangkana kanang na na kanang na kanang na kanang na kanang na kanang na kanang na kana Na ala kanang na kanan	and the second states of the s	a Sheerstoor areas	LANGUAGE STREET, STREET	Sec.253304-201-198443
4	С	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				
1000000000 4	************* C	MALIBU BEACH	404.21	aan ah ah ah ah ah sa sada nasana marawaanana kanan sasan sasan sasan sa	nanda kanaka kananganga kana dalam kanangan kananga kananga kananga kananga kananga kananga kananga kananga ka Kananga kananga	an nga ta ting si sa	. #1600.2020#127202.007.97	e 13 1 1 1 1
-	v	MACIDO DENON		Beach Closures	Medium	0.53	Miles	
				Nonpoint Source	·	0.00	Miles	
				DDT	High	0.53	Miles	
				Fish Consumption Advisory for DDT.		0.00	anes	
				Nonpoint Source				
<b>zerwa</b> rczu	alatinta ana a	an an a suite ann an			ana an	. Altera Maller on the base of	where the second state of the second s	an war consessa
4	С	MALIBU LAGOON BEACH	404.21					
		(SURFRIDER)		Death Oleanna				
				Beach Closures	Medium	0.66	Miles	
				Nonpoint Source	11			
				DDT Fish Consumption Advisory for DDT.	High	0.66	Miles	
				· ·				
				Nonpoint Source				
				High Coliform Count	High	0.66	Miles	
				Nonpoint Source				
				PCBs	High	0.66	Miles	
				Fish Consumption Advisory for PCBs.				
				A1				
total science and				Nonpoint Source		**************************************	Superior and the second se	CTALIPPOSE AND LONG SMA
•••••• 4	С	MANDALAY BEACH	403.11		ander and a state of the second se	na ann an an an Ann Ann Ann	Name and a state of the state o	n Thairpeachte à na h-bhailteachte
**************************************	С	MANDALAY BEACH	403.11	Nonpoint Source	non setting the setting of the setting of the set	1.55	Miles	ĸŢŦĸĸŢŦġŦġŔĿŔĸĸĸĸĸĸĸĸĸĸŔĸŔĬĬĬ
<b>4</b>	С	MANDALAY BEACH	403.11	n ya na	nonanananananananananananananananananan	1.55	mantesiana and the second s	ni kaj ponski konskovi konskovi s
**************************************		₽₽. 738484.5.4° (348.4) (44.4) (56.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48	an and the state of the state o	Beach Closures		1.55	Miles	n an
*********************** 4 ************	C C	MANDALAY BEACH MANHATTAN BEACH	403.11 405.12	Beach Closures Nonpoint Source	nanda menerika dari kang kang kang kang kang kang kang kang		<b></b>	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩
190660-400073 4 1906650-4010 4		₽₽. 738484.5.4° (348.4) (44.4) (56.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48	an and the state of the state o	Beach Closures Nonpoint Source Beach Closures	nenational and the second s Medium	1.55 2.08	Miles Miles Miles Miles	रारण्डम् १९२४ - २०११-२२१४ १९४४ - २२४ १९४४ - २४४ - २४४ - २४४ - २४४ - २४४
100000-410073 4 nodecologi-botto 4		₽₽. 738484.5.4° (348.4) (44.4) (56.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48	an and the state of the state o	Beach Closures Nonpoint Source	nanda menerika dari kang kang kang kang kang kang kang kang		<b></b>	۲۵۳۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰
100000-4-1-1-1-1 4 1000000-4-000 4		₽₽. 738484.5.4° (348.4) (44.4) (56.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48.4) (48	405.12	Beach Closures Nonpoint Source Beach Closures	nanda menerika dari kang kang kang kang kang kang kang kang		<b></b>	१९२९
1964-1974 - 1974	С		405.12	Beach Closures Nonpoint Source Beach Closures	nanda menerika dari kang kang kang kang kang kang kang kang		<b></b>	ርግ መረጃ የተዋናቀን ትን እን
notación occurs 4 notación occu 4	С		405.12	Beach Closures Nonpoint Source Beach Closures Nonpoint Source		11. 11. 11. 11. 11. 11. 11. 11. 11. 11.	Miles	

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				High Coliform Count		High	0.65	Miles
				riigh comoni count	Nonpoint Source	, ngn	0.00	inites
	~~~~		402.44	₩9,	1 1. 180 A AND S I I I	n an an the second second	a that we share a second	and a state of the
4	С	MCGRATH BEACH	403.11	Beach Closures		Low	1.35	Miles
				Deach Closules	Nonpoint Source	LOW	1.35	Willes
				High Coliform Count	Nonpoint Source	Medium	1.35	Miles
				nigh comoint count	Nonpoint Source	Medidin	1.00	HIICS
					a substantia da ser esta esta esta esta esta esta esta esta	and the second second	9.54 s	s 1 2 \$ 2 15 , pr . M
4	С	NICHOLAS CANYON BEACH	404.43	Beach Cleaning		<b>1 1 1 1 1</b>	4.04	
				Beach Closures	Nama int Course	Medium	1.94	Miles
				DDT	Nonpoint Source	Ulah	4.04	88:1 - o
				Fish Consumption A	dvisory for DDT	High	1.94	Miles
					Nonpoint Source			
				PCBs		High	1.94	Miles
				Fish Consumption A	dvisory for PCBs.			
					Nonpoint Source			
4	с	PALO VERDE SHORELINE PARK	413.057	e e e e e e e e e e e e e e e e e e e	na shika waka ka		· .4	× · · ·
		BEACH						
				Pathogens	_	Low	0.12	Miles
					Source Unknown			
				Pesticides	<b>.</b>	Low	0.12	Miles
				<ul> <li>* * * * * * * * *</li> </ul>	Source Unknown			
4	С	PARADISE COVE BEACH	404.35					
				Beach Closures		Medium	1.33	Miles
					Nonpoint Source			
				DDT Fish Consumption A		High	1.33	Miles
				Fish Consumption A	-			
				High Coliforn Court	Nonpoint Source	Link	1 22	Miloc
				High Coliform Count	Nonpoint Source	High	1.33	Miles
				PCBs	Holipolit Oblice	High	1.33	Miles
				Fish Consumption A	dvisory for PCBs.			
				F	Nonpoint Source			
	~	DOINT DUNE DEACH	404.36	19 (19 (19 (19 (19 (19 (19 (19 (19 (19 (		1 S S	1.5.2.5.5. (s) - 1	,
4	U	POINT DUME BEACH	404.30	Beach Closures		Medium	0.95	Miles
				Deach CIUSUIES	Nonpoint Source	meulum	0.55	HIICO
				DDT	Nonpoint Source	High	0.95	Miles
				Fish Consumption A	dvisory for DDT.	, ngit	0.00	
				<b></b>	Nonpoint Source			
				PCBs		High	0.95	Miles
				Fish Consumption A	dvisory for PCBs.	···· <b>a··</b>		
					Nonpoint Source			

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REGION	I TYPE		HYDRO	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE AFFECTED	START END UNIT DATE DATE
4	С	POINT FERMIN PARK BEACH	405.11	Beach Closures Nonpoint Source	Medium	1.5	Miles
				DDT Fish Consumption Advisory for DDT.	High	1.5	Miles
				Nonpoint Source PCBs Fish Consumption Advisory for PCBs.	High	1.5	Miles
ta an	n de la contra de la	aa ahaana aha oo in	Same and the second	Nonpoint Source	n an	nan lanaka arawa ana masa	r - Falland de Angelen (1991) de la composition de la composition de la composition de la composition de la com
4	С	POINT VICENTE BEACH	405.11	Beach Closures Nonpoint Source	Medium	2.13	Miles
	C	PORTUGESE BEND BEACH	405.11	lahar 1999 internetien volten internetien en termedialen internetien en internetien von internetienen sekeristis	an alan an a	r og Call La <mark>ndf R</mark> ikkeland og Son Rikka og	n an
·	-			Beach Closures Nonpoint Source	Medium	2.2	Miles
				DDT Fish Consumption Advisory for DDT.	High	2.2	Miles
				Nonpoint Source PCBs Fish Consumption Advisory for PCBs. Nonpoint Source	High	2.2	Miles
enance an eveneration 4	с. С	PUERCO BEACH	404.31	***** 6/19 #9#\$\$#\$\$\$#6#\$#17460%~6.000#\$**********************************	naar oo dhahaan ahaan ahaan ahaan ah	anna ta faranan barren ala ana sa	z 1844 de la constantia da constante en la constanta en la constanta de la constante de la constante de la cons El 1844 de la constante de la co
				Beach Closures Nonpoint Source	Medium	1.68	Miles
				DDT Fish Consumption Advisory for DDT.	High	1.68	Miles
	•			Nonpoint Source PCBs Fish Consumption Advisory for PCBs. Nonpoint Source	High	1.68	Miles
	C	REDONDO BEACH	405.12	ĸſŊĸĬĊĬĊĬ <mark>ĊŢŎŎŎŎŎĊŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎ</mark> ĬĔŎĊĊŎŎŎŎŎŎŎŎŎŎ	na a de la <b>companya da seria d</b>	a (1.200 angelesis stratum a salar e., 20, 11.4	a an
				Beach Closures Nonpoint Source	Medium	1.37	Miles
				DDT Fish Consumption Advisory for DDT.	High	1.37	Miles
				Nonpoint Source High Coliform Count	High	1.37	Miles
				Nonpoint Source PCBs Fish Consumption Advisory for PCBs.	High	1.37	Miles
		anna a sa anna an anna anna anna anna a		Nonpoint Source	an a		a and a subscription of the

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A	TYPE C	RESORT POINT BEACH	UNIT 405.11	POLLUTANT/STRESSC	DR* SOURCE		AFFECTED		DATE DA
4	C	RESORT FOINT BEACH	403.11	Beach Closures		Medium	0.49	Miles	
				Deach ofosailes	Nonpoint Source	meandin	0.45	WIICO	
	. • .	through the the second of the second second second second second	s eres s	A set was a set of the set of the	- Twee and the second of the second	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	and and an or so the	na i sant i sana
4	С	ROBERT H MEYER MEMORIAL	404.42						
		BEACH							
				Beach Closures		Medium	1.23	Miles	
					Nonpoint Source				
				DDT		High	1.23	Miles	
				Fish Consumption A					
					Nonpoint Source				
				PCBs		High	1.23	Miles	
				Fish Consumption A					
		e e e e e e e e e e e e e e e e e e e		,	Nonpoint Source				
4	с	ROCKY POINT BEACH	405.11		and a second				
-	-			Beach Closures		Medium	0.52	Miles	
					Nonpoint Source				
	-			•	and a gradient and a second state of a second state of the	2 · · · · 2	N.,		1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 19
4	С	ROYAL PALMS BEACH	405.11						
				Beach Closures		Medium	1.06	Miles	
					Nonpoint Source				
				DDT Fish Consumption (		High	1.06	Miles	
				Fish Consumption A					
					Nonpoint Source				
				PCBs Fish Consumption A	duinen for DCBs	High	1.06	Miles	
				Fish Consumption F					
		· · · · ·		×	Nonpoint Source		3-	*	
4	С	SANTA CLARA RIVER ESTUARY	403.11						
		BEACH/SURFERS KNOLL							
				High Coliform Count		Low	0.56	Miles	
					Nonpoint Source				
A	си на село С	SANTA MONICA BEACH	405.13	andra an ann an a	The second s	ta in transferra de	e e constante e	n.n.e., 5.	200 AB
-	3			Beach Closures		Medium	2.95	Miles	
					Nonpoint Source	Medium	2.33	111163	
				High Coliform Count		High	2.95	Miles	
				riigh comonn count	Nonpoint Source	riigii	2.35	MIICS	
	••	. The second s		e makerika aka iga tara ingi ta			s , a sugare s		ه مربينا راغ
4	С	SEA LEVEL BEACH	404.41						
				Beach Closures	-	Medium	0.67	Miles	
					Nonpoint Source				
				DDT		High	0.67	Miles	
				Fish Consumption A					
					Nonpoint Source				
				PCBs		High	0.67	Miles	
				Fish Consumption A	dvisory for PCBs.				
			a <b>mu</b> ana ina mana ang ang ang ang ang ang ang ang ang		Nonpoint Source	್ರಾ			

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GION	i TYPI	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE - S AFFECTED	UNIT DATE DAT
4	С	TOPANGA BEACH	404.11					
				Beach Closures	Name alot Causes	Medium	1.01	Miles
				DDT	Nonpoint Source	High	1.01	Miles
				Fish Consumption A	dvisory for DDT.		1.01	Miles
					Nonpoint Source			
				High Coliform Count	Non-sint Course	High	1.01	Miles
				PCBs	Nonpoint Source	High	1.01	Miles
				Fish Consumption A	dvisory for PCBs.		1.01	mica
			una il a statuscom confiltation des a status		Nonpoint Source	na wa zawana na kata na	Seconda Lanado da A. Januar Inderes ande	
4	С	TORRANCE BEACH	405.12					
				Beach Closures	Newselint Course	Medium	0.58	Miles
				High Coliform Count	Nonpoint Source	High	0.58	Miles
				ingi cononi coun	Nonpoint Source		0.00	mines
4	с. С	TRANCAS BEACH (BROAD BEACH)	404.37	LA LA VILLE AND AN ANNA A LA LA VILLE AN ANNA AN ANNA ANNA ANNA ANNA ANNA	an dan seberaha dari seri seri dara seri dara seri dara seri dara seri dara seri dari seri dari seri dari seri	neyraddharned allynasonyraddar angel an eilen a rue	BROCHNIN AND COTTO OFFICE	and an
				Beach Closures		Medium	2.02	Miles
				0.0.7	Nonpoint Source			
				DDT Fish Consumption A	dvisorv for DDT.	High	2.02	Miles
				•	Nonpoint Source			
				High Coliform Count		High	2.02	Miles
				PCBs	Nonpoint Source	Linh	2.02	<b>58</b> 11
				Fish Consumption A	dvisory for PCBs.	High	2.02	Miles
					Nonpoint Source			
ocostornat : <b>4</b>	C C	VENICE BEACH	405.13	a an ann an air ann an Ann an Chairle Chairlean an Ann an Chairlean ann an Ann an Ann an Ann an Ann an Ann an A	ander an ander andere ander	aan aa ah		LANTER MEMBERSON (NY MININ'NY ARAN'NY ARAN'NY AMERIKAN'NY AMERIKAN'NY AMERIKAN'NY AMERIKAN'NY AMERIKAN'NY AMER
				Beach Closures		Medium	1.5	Miles
				High Coliform Court	Nonpoint Source	Lich		B4!!
				High Coliform Count	Nonpoint Source	High	1.5	Miles
	C	WHITES POINT BEACH	405.11					
4	C		400.11	Beach Closures		Medium	0.7	Miles
					Nonpoint Source			
				DDT Fich Consumption 4		High	0.7	Miles
		•		Fish Consumption A	Nonpoint Source			
				PCBs		High	0.7	Miles
				Fish Consumption A		-		
					Nonpoint Source			

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4	C TYPE C	WILL ROGERS BEACH	405.13				AFFECTED	1000	DATE D
-	U	WILL ROGERS BLACH	403.13	Beach Closures		Medium	2.2	Miles	
					Nonpoint Source				
				High Coliform Count		High	2.2	Miles	
					Nonpoint Source	-			
4	С	ZUMA (WESTWARD BEACH)	404.36	and the state of the second		· · · · · · · · · · · · · · · · · · ·	· 3 · 44. 9 · 8 · · · · ·		5 - J. 4.**** n n.
•	-			Beach Closures		Medium	1.65	Miles	
					Nonpoint Source				
				DDT		High	1.65	Miles	
				Fish Consumption Ac					
					Nonpoint Source				
				PCBs Fish Consumption A	tripony for DCPo	High	1.65	Miles	
				Fish Consumption Ac					
		a state and a state of the stat		e instruction of the state and the	Nonpoint Source	and the second second	· · · · · · ·		
4	Ε	MALIBU LAGOON	404.21						
				Benthic Comm. Effects		Medium	32.5	Acres	
				Enteric Viruses	Nonpoint/Point Source	Llinh	20 F		
				Enteric viruses	Nonpoint/Point Source	High	32.5	Acres	
				Eutrophic		Medium	32.5	Acres	0193 12
				<b>Z</b> =• <b>P</b> •	Nonpoint/Point Source	mount	02.0	Acies	0100
				High Coliform Count		High	32.5	Acres	
					Nonpoint/Point Source	_			
				Shellfish Harvesting Ad		Medium	32.5	Acres	
					Nonpoint/Point Source				
				Swimming Restrictions		High	32.5	Acres	
				the notion of the state of the	Nonpoint/Point Source	a a seconda a com	··· • • *** • · ·	s *	
4	Е	MUGU LAGOON	403.11						
				Chlordane	landama in tianua	High	2000	Acres	1298
				Elevated levels of ch					
				Copper	Nonpoint Source	Modium	2000	A	
				Copper	Nonpoint/Point Source	Medium	2000	Acres	
				Dacthai		High	2000	Acres	1298
				Elevated levels of da	cthal in tissue.				
					Nonpoint Source				
				DDT		High	2000	Acres	1298
				Elevated levels of DL	DT in tissue and sediment. Effects	on bird reproductive	ity from DDT.		
					Nonpoint Source				
				Endosulfan Elevated levels of en	doculfan in tionuc	High	2000	Acres	1298
				Elevaled levels of en	Nonpoint Source				
				Mercury	Nonpoint Source	High	2000	Acres	
					Nonpoint/Point Source	niyu	2000	ACIES	

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HYDRO REGION TYPE NAME UNIT	POLLUTANT/STRESSO	R* SOURCE		SIZE AFFECTED	ŬNIT	START, DATE	
	Nickel		Medium	2000	Acres		
	Nitrogen	Nonpoint/Point Source	Low	2000	Acres	1298	
	-	Nonpoint/Point Source	2011	2000	Acies	1230	
	PCBs Elevated levels of PC	Bs in tissue.	High	2000	Acres		
		Nonpoint/Point Source					
	Sediment Toxicity	Nonpoint/Point Source	High	2000	Acres		
	Sedimentation/Siltation		High	2000	Acres		
	Zinc	Nonpoint/Point Source					
	ZINC	Nonpoint/Point Source	Medium	2000	Acres		
4 L CRYSTAL LAKE 405.43	u - Alder and an and an and an and an		1996-1997 - Ali Martino di Martina di Angelano (1997)	an a	an a	ana <b>a seu</b> a companya a	of Real Advision
	Org. enrichment/Low D.	O. Nonpoint Source	Low	5.8	Acres	·	
тан намаганан какандар тарынан какандар какандар какандар какандар какандар какандар какандар какандар какандар 4 L ECHO PARK LAKE 405.15	lan, minaintai <b>nte e</b> tante susca <b>nais</b> 1952 <b>Medinin</b> a		ana ing ang ang ang ang ang ang ang ang ang a	· · · · · · · · · · · · · · · · · · ·	un III - maaadada Ar	and the second secon	1. Sand HER 2. Strat
	Algae		Low	23	Acres		
	Ammonia	Nonpoint Source	Low	23	A	0194	1299
	Ammonia	Nonpoint Source	LOW	23	Acres	0194	1299
	Copper	Nonpoint Source	Low	23	Acres		
	Eutrophic	Nonpoint Source	Low	23	Acres		
$\sim$	Lead	Nonpoint Source	1		•		
$\sim$	Leau	Nonpoint Source	Low	23	Acres		
$\sim$	Odors	Nonnoint Course	Low	23	Acres		
	PCBs	Nonpoint Source	Medium	23	Acres		
$\sim$	Elevated levels of PC						
$\sim$	рH	Nonpoint Source	Medium	23	Acres		
		Nonpoint Source					
(	Trash	Nonpoint Source	High	23	Acres		
4 L EL DORADO LAKES 405.15		and a second		an a			-880 (200 <b>4) (1997</b> (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (1997 (199
·	Algae		Low	220	Acres		
	Ammonia	Nonpoint Source	Low	220	Acres	0194	1299
		Nonpoint Source	2011			0134	1233
	Copper	Nonpoint Source	Low	220	Acres		
		Nonpoint Source					

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ON TYPE NAME	UNIT	Eutrophic	OR* SOURCE	PRIORITY Low	AFFECTED 220	UNIT DATE D Acres
		Europine	Nonpoint Source	LOW	220	AUICS
		Lead		Low	220	Acres
			Nonpoint Source			
		Mercury		Medium	220	Acres
		Elevated levels of r	-			
		рH	Nonpoint Source	Medium	220	Acres
		pri l	Nonpoint Source	mountin	220	Adits
	403.51	88 m	n an anna an 1960 Martin an Assan an Assan	an store and store a	19 - 19 M	<ul> <li>Contracting of the Contraction</li> </ul>
	700.01	Eutrophic		Low	194	Acres
			Nonpoint Source			
		Org. enrichment/Low	D.O.	Medium	194	Acres
			Nonpoint Source			
		рН	Nonnoint Course	Medium	194	Acres
		Trash	Nonpoint Source	Low	194	Acres
		110311	Nonpoint Source		104	AVIES
L LAKE CALABASAS	405.21	: · · · · · · ·	the second se	т.,.		
	403.21	Ammonia		Low	28	Acres
			Nonpoint Source			
		Copper		Medium	28	Acres
		Elevated levels of	••			
		DDT	Nonpoint Source	Linh	28	Acres
		Elevated levels of I	DDT in tissue.	High	20	AL163
			Nonpoint Source			
		Eutrophic		Medium	28	Acres
			Nonpoint Source		-	_
		Odors	Nonnaint Causa	Low	28	Acres
		Org. enrichment/Low	Nonpoint Source	Medium	28	Acres
		org. ennomment/Low	Nonpoint Source	WEUIUII	20	~~~~~
		рН		Medium	28	Acres
			Nonpoint Source			
		Zinc	riza ia fizzua	Low	28	Acres
		Elevated levels of a				
an 13 second a state of the state of the	. · · · · · · · · · · · · · · · · · · ·	en waa gewaan ee ee ee ee ee ee ee	Nonpoint Source	<ul> <li>I and the state of the state of</li></ul>	·	
L LAKE HUGHES	403.51	• • • •		•		<b>A</b>
		Algae	Nonpoint Source	Low	34	Acres
		Eutrophic	Nonpoint Source	Medium	34	Acres
		=uu opino	Nonpoint Source	mod din	••	

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	HYDRO UNIT	POLLUTANT/STRESSO	a* SOURCE	PRIORITY	SIZE	LINUT	START	END
REGION TIPE SNAME	UNIT	Fish Kills	SUURCE!		AFFECTED		DATE	DATE
		F150 (XID5	Nonpoint Source	Medium	34	Acres		
		Odors		Low	34	Acres		
			Nonpoint Source			10103		
		Trash		Low	34	Acres		
		an anna ag 1964 an 1865 anna 1976 agus an 1986	Nonpoint Source					
4 L LAKE LINDERO	404.23		nandaran kanan menandaran kanan kanan kanan kanan kanaran kanan kanan kanan kanan kanan kanan kanan kanan kanan	annan bar baranna annanan an shear annan an san an a	11-11-11-11-11-11-11-11-11-11-11-11-11-	and all the second s	2996.20-00 C C P P 2 + 690 P	********************
		Algae		Medium	13.56	Acres		
			Nonpoint Source					
		Chloride		Low	13.56	Acres		
		Fudera a bila	Nonpoint Source	<b>BB</b> - 41				
		Eutrophic	Nonpoint Source	Medium	13.56	Acres	0193	1202
		Odors	Nonpolite Source	Low	13.56	Acres		
			Nonpoint Source	Low	10.00	ALIES		
		Selenium	•	Low	13.56	Acres		
		Elevated levels of sel	enium in tissue.					
			Nonpoint Source					
		Specific conductivity		Low	13.56	Acres		
		Tasah	Nonpoint Source			_		
		Trash	Nonpoint Source	Low	13.56	Acres		
es a se	**************************************	- 1 - Caloriel Calor Hallow Port Della President del 1900 Marcalana al Caloriga	Nonpoliti Source	an and the second s	a Managana ang Promisian S	en contrata valatadana	marcers and an area	THE ADDA ON
4 L LAKE SHERWOOD	404.26	Almaa						
		Algae	Nonpoint Source	Medium	213	Acres		
		Ammonia	Nonpoint Source	Low	213	Acres		
			Nonpoint Source	Lon	210	Adics		
		Eutrophic		Medium	213	Acres	0193	1202
			Nonpoint Source					
		Mercury		Medium	213	Acres		
•		Elevated levels of me						-
		Org. enrichment/Low D.	Nonpoint Source	Madium	040			
		Org. ennchmenuLow D.	O. Nonpoint Source	Medium	213	Acres		
くつうく ほうほうかん かくだけ 法を登録する かんかい かいか かん かんかん かん かんかん かん かんかん かんない かんかん かん かん かん かん かんなん なんない なんない		a 1999a yangangan bertangan sabatar perang maka kana dari katan sebagai yang bertakan sebagai yang bertakan se		nan <b>Geograf Balan</b> ti anti Ganti Antonia <b>Balan Mina</b> gi a Santa	a an an ann an an an an an an an an an a	an tanan di kata di kat	\$\$\$\$.55-25-25 <sup>2</sup> \$\$ <sup>\$</sup> ~ @.##*{\$553	Anton Court of Services
4 L LEGG LAKE	405.41	Ammonio		1	70	A		
		Ammonia	Nonpoint Source	Low	70	Acres		
		Copper	Houbour conice	Low	70	Acres		
			Nonpoint Source			~~~~		
		Lead	• • • •	Low	70	Acres		
			Nonpoint Source					
		Odors		Low	70	Acres		
			Nonpoint Source					

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GION TYPE NAME	HYDRO UNIT POLLUTANT/STRE	SSOR* SOURCE	PRIORITY	SIZE	UNIT	START DATE	
GIUN	pH		Medium	70	Acres		
	pri	Nonpoint Source					
	Trash	·	High	70	Acres		
		Nonpoint Source					
4 L LINCOLN PARK LAKE	405.15	war o in ginaa koosa na 200 magikaan in 1	2	e internet en en el el	41L)	· · · · ·	× ,
	Ammonia		Low	7	Acres	0194	129
M		Nonpoint Source					
	Eutrophic		Medium	7	Acres		
``\		Nonpoint Source		_			
	Lead		Low	7	Acres		
		Nonpoint Source	Low	7	A		
	Odors	Nonpoint Source	Low	(	Acres		
	Org. enrichment/L	•	Medium	7	Acres		
		Nonpoint Source		•			
	(Irash)	·	High	7	Acres		
	$\sim$	Nonpoint Source					
4 L MACHADO LAKE (HARE LAKE)	BOR PARK 405.12	್ರಾ ಕ್ರಾಂಗ್ ಕ್ರಾಮ್ ಕ್ರಿಯಿ ಕ್ರಾಮ್ ಕ	n na an an an an an	.,			
	Algae		Low	45.2	Acres		
		Nonpoint Source					
	Ammonia		Low	45.2	Acres		
		Nonpoint Source	Link	45.2	A		
	ChemA Flevated levels	of chemA pesticides in tissue.	High	43.2	Acres		
	Lievaico ievels	Nonpoint Source					
	Chlordane		High	45.2	Acres		
		of chlordane in tissue. Fish Consu		rdane.			
		Nonpoint Source					
	DDT		High	45.2	Acres		
	Elevated levels	of DDT in tissue. Fish Consumptio	n Aavisory for DD1.				
	Dialdaia	Nonpoint Source	High	45.2	Acres		
	Dieldrin Elevated levels	of dieldrin in tissue.	High	40.2	A6162		
		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.					
	Tk	Nonpoint Source	Low	45.2	Acres		
	Trash	Nonpoint Source	LOW	73.2	ALIES		
		nonponic Source					

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EGION T	YPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE PR		SIZE ECTED	UNIT	START DATE	END DATE
4	L	MALIBOU LAKE	404.24	Algae		ledium	69	Acres		
				Nonp Chlordane Elevated levels of chlordane	in tissue.	Low	69	Acres		
				Nonp Copper Elevated levels of copper in t		ledium	69	Acres		
				Eutrophic	point Source N point Source	ledium	69	Acres	0193	1202
				Org. enrichment/Low D.O.	N	ledium	69	Acres		
				PCBs Elevated levels of PCBs in ti	point Source issue. point Source	Low	69	Acres		
4	L	MATILIJA RESERVOIR	402.20		Construction/Operation	Low 1	198	Acres	anderfield states and and	angunnak, ngi 20, 19
4	L	MCGRATH LAKE (ESTUARY)	403.11	Chiordane Elevated levels of chiordane	in sediment.	High 1	.35	Acres	toologijese soo we hiji je	
				Nonp DDT Elevated levels of DDT in se	point Source	High 1	.35	Acres		
				Pesticides Elevated levels of pesticides		High 1	.35	Acres		
				Sediment Toxicity	point Source N point Source	Nedium 1	.35	Acres		an waa 12 1200 dhadaaa
4	L	MUNZ LAKE	403.51	Eutrophic		Low	15	Acres		
				Trash	point Source	Low	15	Acres		
4	L	PECK ROAD PARK LAKE	405.41	Chlordane Elevated levels of chlordane		ledium ·	166	Acres		90. (1998) (****) (* 1978)
		V		Nong DDT Elevated levels of DDT in tis		<i>l</i> edium	166	Acres		

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REGION TYPE NAME	HYDRO UNIT	POLLUTANT/STRES	SOR* SOURCE	PRIORITY	SIZE AFFECTED	STAR	END
REGION TYPE NAME	UNIT	Lead	SOR SOURCE AND A	Low	166	UNIT DATE Acres	DATE
			Nonpoint Source				
• \		Odors		Low	166	Acres	
		Ora enrichment/l eu	Nonpoint Source	Maaliuwa	400	•	
		Org. enrichment/Lov	Nonpoint Source	Medium	166	Acres	
		Trash	Nonpoint Course	High	166	Acres	
		$\sim$	Nonpoint Source	-			
4 L PUDDINGSTONE RESERVOIR	405.52	Towns Marken	an a	n nen in de reconstruction n'né élémente les présentes de présentes de présentes de la second	1 - L.A.	8 1 . an .	
		Chlordane		Medium	382	Acres	
		Elevated levels of	chlordane in tissue.				
			Nonpoint Source				
		DDT Elevated levels of	DDT in tissue	Medium	382	Acres	
		Elevated levels of	Nonpoint Source				
		Mercury		Medium	382	Acres	
		Elevated levels of	mercury in tissue.				
			Nonpoint Source				
		Org. enrichment/Low		Medium	382	Acres	
		PCBs	Nonpoint Source	Medium	382	Acres	
		Elevated levels of	PCBs in tissue.	weatan	J02	Acres	
			Nonpoint Source				
4 L SANTA FE DAM PARK LAKE	405.41	the distance of the set	an a	1 1 gan - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 A	· 2. # · 2. *	
		Copper		Low	70	Acres	
			Nonpoint Source				
		Lead		Low	70	Acres	
			Nonpoint Source	1	70	•	
		рН	Nonpoint Source	Low	70	Acres	
	404.25	a statuate interaction and succession	an an ann an an ann an an an an an an an	a a star the <b>mass</b> all the second second	n an saon an an	n in a stranger and	
4 L WESTLAKE LAKE	404.20	Algae		Medium	186	Acres	
		Algue	Nonpoint Source	medium	100	Acies	
		Ammonia		Low	186	Acres	
			Nonpoint Source				
		Chlordane	able and a set of the second	Low	186	Acres	
		Elevated levels of	chlordane in tissue.				
		Copper	Nonpoint Source	Medium	186	Acres	
		Elevated levels of	copper in tissue.	moduli	100	AV169	
			Nonpoint Source				
		Eutrophic		Medium	186	Acres 0193	1202
			Nonpoint Source				

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5101	II.TYP		UNIT	Lead	R* SOURCE		AFFECTED	UNIT 2	DATE	<u>,</u> DA1
				Leau	Nonpoint Source	Low	186	Acres		
				Org. enrichment/Low D.	•	Medium	186	Acres		
				-	Nonpoint Source					
4	R	ALISO CANYON WASH	405.21		and and a second state of the second state of the second second second second second second second second secon	ni an	s - <sup>en t</sup> erne son		689922022 - TUALI <b>999</b>	Challen String & Prince
				Selenium		Low	10.13	Miles		
		an a	s and state of the second state		Nonpoint Source	in a sur an	ekitzi kompression testerasionere	-	ana comunation and	thathe Sold Mar
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	403.12							
				Ammonia		High	1.99	Miles	1298	
				<b>A ( ) (</b>	Nonpoint/Point Source					
				Chloride	Nonpoint/Point Source	Medium	1.99	Miles	0197	1200
				DDT		High	1.99	Miles	1298	
				Elevated levels of DD	OT in sediment.	-				
					Nonpoint Source	<b>.</b>				
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	1.99	Miles	1298	
				Sulfates		Medium	1.99	Miles		
					Nonpoint/Point Source					
				Total Dissolved Solids		Medium	1.99	Miles	1298	
NY 1835-X-4	n <b>ang na</b> ng sa	an sharabark 197 - Shi qolaladoon a Alabada ah ar 2000 - Alab 2000 - Alab 2000 ahadadahahadahadahadahadahadahad	######################################	a na na ang ang ang ang ang ang ang ang	Nonpoint/Point Source	anarovanski patri solova se		an a	aven alla marte viel.	<b>n</b> mer 2 - 12 -
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	403.62							
				Ammonia		High	9.62	Miles	1298	
				Chlorida	Nonpoint/Point Source	S. a. Street		A.e.1		
				Chloride	Nonpoint/Point Source	Medium	9.62	Miles	0197	1200
				DDT		High	9.62	Miles	1298	
				Elevated levels of DD	)T in sediment.					
					Nonpoint Source					
				Nitrate and Nitrite	Nonpoint/Point Source	Medium	9.62	Miles	1298	
				Sulfates		Medium	9.62	Miles		
					Nonpoint/Point Source					
		2		Total Dissolved Solids		Medium	9.62 ·	Miles		
					Nonpoint/Point Source					anaada ahaana
4	R	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	405.15							
				Algae		Low	7.02	Miles		
				-	Nonpoint Source					

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GION TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE	UNIT	START DATE	EN DA
GION TIPE	NAME		High Coliform Count		Medium	7.02	Miles		
				Nonpoint Source			Anteo		
			Trash		High	7.02	Miles		
				Nonpoint Source	Ū				
• •			y na zastawa na s	a seal and a seal and a seal of the seal o	- Marig - Later Schwad I - C	the strengt of the st	* **	· · · • • • • • •	\$48.8 \$~ 35° 4
4 R	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE	405.31							
	DAM)								
			Algae		Low	2.53	Miles		
				Nonpoint Source					
			High Coliform Count	• • • • •	Medium	2.53	Miles		
				Nonpoint Source					
			Trash	•	High	2.53	Miles		
				Nonpoint Source	_				
		402 62	an in i i i i i i i i i i i i i i i i i	e gar y a thank the annual state and the group of the gro	'n off 'n o				
4 R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA	403.62							
	CYN)								
			Ammonia		High	7.58	Miles	1298	
				Nonpoint/Point Source					
			Boron		Medium	7.58	Miles		
				Nonpoint Source					
			Chloride		Medium	7.58	Miles	0197	120
				Nonpoint Source					
			Chromium		Low	7.58	Miles		
			Elevated levels of ch						
				Nonpoint/Point Source					
			Nickel	-t-tin tingun	Low	7.58	Miles		
			Elevated levels of nic						
			<b></b>	Nonpoint/Point Source		7.60			
			Selenium Elevated levels of se	lonium in tissue	Low	7.58	Miles		
			LIGYDIGU IGYGIS UI SC	Nonpoint/Point Source					
			Silver	Nonpointer onit Source	Low	7.58	Miles		
			Elevated levels of sil	ver in tissue.	LOW	7.50	WIIC3		
			2.0.0.00 00 00 00	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 zir	nc in tissue.					
				Nonpoint/Point Source					
4 R	ARROYO SIMI REACH 2 (ABOVE	403.67	alalayan ayingi sa mayanga ang manangan sa	en of Alithe California and California	λ. 20 · C.β. 20 Mat. 41 % 4.2 · .	್ ನ್ಯಾಧಸ್ವಾಯಕ್ಕಳಲ್ಲಿ ನಿಂ	%;**s,: .s*w	y-646.0~ \$ a	• · 、
	BREA CANYON)		<b>D</b>			44.40			
			Boron	Nama int Causa	Medium	11.12	Miles		
				Nonpoint Source					

Water Act Section 303(d). In a few cases, they provide necessary information.

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HYDR			SIZE	START END
REGION TYPE NAME UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	AFFECTED	UNIT DATE DATE
	Sulfates	Medium	11.12	Miles
	Nonpoint Source Total Dissolved Solids	Medium	11.12	Miles
	Nonpoint Source	Medium	11.12	Miles
4 R ASHLAND AVENUE DRAIN 405.1	an ter fan Adelek felikeren in de State alle gere alle alle alle en de state alle de state in de state in de st	nan der Mie de Later de la Statistik de Later de	a - anna <b>- anna</b> - anna - an	a, taap oppositieren Latalahada dala international secondari ana secondari ana secondari dalam taba
4 K ASHLAND AVENUE DIGIN 403.	High Coliform Count	High	0.57	Miles
	Nonpoint Source	0.4		••••
	Org. enrichment/Low D.O.	Low	0.57	Miles
	Nonpoint Source	1		
	Toxicity Nonpoint Source	Low	0.57	Miles
		ing all all and the second of the second		an a
4 R BALLONA CREEK 405.1	Arsenic	Medium	4.3	Miles
- ×	Elevated levels of arsenic in tissue.	manut	7.5	111103
TIN	Nonpoint/Point Source			
$\langle \chi   \sim I $	Cadmium Elevated levels of cadmium in sediment.	Medium	4.3	Miles
	Nonpoint/Point Source			
N N	ChemA	High	4.3	Miles
$\backslash$	Elevated levels of chemA pesticides in tissue.	-		
$\backslash$	Nonpoint/Point Source	16-1		<b>• •</b> **
$\backslash$	Chlordane Elevated levels of chlordane in tissue.	High	4.3	Miles
$\backslash$	Nonpoint/Point Source			
$\backslash$	Copper	Medium	4.3	Miles
$\backslash$	Elevated levels of copper in tissue and sediment.			
$\mathbf{N}$	DDT Nonpoint/Point Source	High	4.3	Miles
$\backslash$	Elevated levels of DDT in tissue.	111911	7.3	WIIC3
	Nonpoint/Point Source			
$\backslash$	Dieldrin Eleveted levels of dieldrin in tionus	High	4.3	Miles
$\mathbf{\lambda}$	Elevated levels of dieldrin in tissue. Nonpoint/Point Source			
$\mathbf{\lambda}$	Enteric Viruses	High	4.3	Miles
	Nonpoint/Point Source			
$\mathbf{h}$	High Coliform Count	High	4.3	Miles
	Nonpoint/Point Source	I	4.2	Milao
\	Lead Elevated levels of lead in tissue and sediment.	Low	4.3	Miles
	Nonpoint/Point Source			
	PCBs	High	4.3	Miles
	Elevated levels of PCBs in tissue.			

Nonpoint/Point 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.

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		UNIT POLLUTANT/STRESS	SOR* SOURCE	PRIORITY	AFFECTED	UNIT	DATE L
		Sediment Toxicity	Normaint/Daint Sauraa	Medium	4.3	Miles	
	$\sim$	Silver	Nonpoint/Point Source	Low	4.2	Miles	
			silver in tissue and sediment.	Low	4.3	Miles	
			Nonpoint/Point Source				
				Medium	4.3	Miles	
			Nonpoint/Point Source				
		Trash	•	High	4.3	Miles	
		$\searrow$	Nonpoint/Point Source				
		> TributyItin		Low	4.3	Miles	
		Elevated levels of	tributyltin in sediment.				
			Nonpoint/Point Source				
4 R	BALLONA CREEK ESTUARY	405.13	<ul> <li>Source and the pollinger of electronic states of a second state of the second states states states of</li></ul>	್ `ುಲಿಂದೆ sendoor ⊽್ಲಿಯಿಂದ. ,	238 1 e - C - C	• • • • • •	5.10 (** <b>47</b> 948,000 %)
-		Arochlor		High	2.5	Miles	
			arochlor in sediment.		-		
			Nonpoint/Point Source				
		Chlordane		High	2.5	Miles	
		Elevated levels of	chlordane in tissue and sediment.				
			Nonpoint/Point Source				
		DDT Elevated levels of	DDT is addiment	High	2.5	Miles	
		Elevated levels of					
		High Coliform Count	Nonpoint/Point Source	Lliab	25	<b>B8</b> 11	
		nigh Collorm Count	Nonpoint/Point Source	High	2.5	Miles	
		Lead	Nonpointer onit Source	Low	2.5	Miles	
		Elevated levels of	lead in sediment.	LOW	2.0	WHIC2	
		-	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		Medium	2.5	Miles	
		Zine	Nonpoint/Point Source	•	<b>2</b> -	B.8.1	
	```	Zinc Elevated levels of	zinc in sediment	Low	2.5	Miles	
			Nonpoint/Point Source				
i R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	1003.61			MMC-MM2 2003 * * *	2 . <u>1</u> 74-987-322	్ శారుగు నిర్యాస్త్రంగ్ స
		Algae		Low	6.16	Miles	1298
		~:9¢6	Nonpoint Source	LUW	0.10	miles	1230

Water Act Section 303(d). In a few cases, they provide necessary information.

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REGIO		NAME	HYDRO	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START END DATE DATE
	and the second secon		NALL TO BE AND A TO BE	ChemA	nannan a chuan ann an Ta tallais air failtean an Sannan an Annan ann an Annan ann an Annaichtean ann an Annaich	High	6.16	Miles	1298
				Elevated levels of ch	emA pesticides in tissue.	-			
					Nonpoint Source				
				Chlordane Elevated levels of ch	lordane in tissue and sediment.	High	6.16	Miles	1298
				Lievaleu ieveis ui cii	Nonpoint Source				
				Chlorpyrifos	······	High	6.16	Miles	1298
				Elevated levels of ch		_			
				Deathal	Nonpoint Source		C 4 C		4000
				Dacthal Elevated levels of da	cthal in sediment	High	6.16	Miles	1298
			:	-	Nonpoint Source				
				DDT		High	6.16	Miles	1298
				Elevated levels of DI	DT in tissue and sediment.				
				Dieldrin	Nonpoint Source	Hiab	6.16	Milee	1298
				Elevated levels of die	eldrin in tissue.	High	0.10	Miles	1230
		,			Nonpoint Source				
		$\mathbf{X}$		Endosulfan	the second second second	High	6.16	Miles	1298
				Elevated levels of en	dosulfan in tissue and sediment. Nonpoint Source				
				Nitrogen	Nonpoint Source	Medium	6.16	Miles	1298
					Nonpoint Source				
		TH I I	ŕ	PCBs		High	6.16	Miles	
		$\mathbf{X}$		Elevated levels of PC	CBs in tissue. Nonpoint Source				
		$\sim$		Toxaphene	Nonpoint Source	High	6.16	Miles	1298
		Ň	$\backslash$	Elevated levels of to	caphene in tissue and sediment.				
			$\sum i$		Nonpoint Source				
			Xt	Toxicity	Nonnaint Course	High	6.16	Miles	
				Trash	Nonpoint Source	Low	6.16	Miles	
			, in the second s	l'and l	Nonpoint Source	2011		milog	
A CONTRACTOR	R	BELL CREEK	405.21	reiser som frigheten versen for som	non an <mark>than</mark> a constraint and a	an a	<b></b>	1999 T. J. (1999)	anna aile a chuir air an ta' a' a' a' ann a' a' a' ann.
	IX.			High Coliform Count		Low	9.81	Miles	
				-	Nonpoint/Point Source				
4	R	BROWN BARRANCA / LONG CANYON	403.11		un analain kan da kananan kan da kananan kananan kananan kananan kananan kananan kananan kananan kananan kanan		an a	*******	narranggalilla a Ringgaler (Sonard) a sharar 19
				Nitrate and Nitrite		Medium	3.79	Miles	
				0. 1994 F. C. 1997 F. S. 1997 F. S	Nonpoint Source				and a state of the
4	R	BURBANK WESTERN CHANNEL	405.21						
				Algae		Low	6.35	Miles	
					Nonpoint/Point 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.

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GION TYPE		POLLUTANT/STRESSOF Ammonia	R* SOURCE	PRIORITY High	AFFECTED 6.35	Miles	0194	DA 129
			Nonpoint/Point Source		0.00	111163	0.04	
		Cadmium	•	Low	6.35	Miles		
		•	Nonpoint/Point Source					
		Odors	Nonpoint/Point Source	Low	6.35	Miles		
		Scum/Foam-unnatural		Low	6.35	Miles		
			Nonpoint/Point Source					
		Trash	New stat/Delate Organization	High	6.35	Miles		
	na sura native tatu native tatu a sa a	, g the transft s	Nonpoint/Point Source	· 4. · · · · · · · · · · ·			1.4.5	- 15 - 14
	CALLEGUAS CREEK REACH 1 403.11 (ESTUARY TO 0.5MI S OF ( BROOME RD)							
	-	Ammonia		High	2.2	Miles	1298	
		Chant	Nonpoint/Point Source	U!			4000	
		ChemA Elevated levels of che	emA in tissue.	High	2.2	Miles	1298	
			Nonpoint Source					
	Λ.	Chlordane	lardana in tinawa	High	2.2	Miles	1298	
		Elevated levels of chi	Nonpoint Source					
	M	TDDT		High	2.2	Miles	1298	
		Elevated levels of DD	OT in tissue and sediment.	-				
		Endosulfan	Nonpoint Source	High	2.2	Miles	1298	
		Elevated levels of en	dosulfan in tissue.	nigii	2.2	wines	1250	
			Nonpoint Source					
		Nitrogen	N	Medium	2.2	Miles	1298	
	Hell	PCBs	Nonpoint/Point Source	High	2.2	Miles		
		Elevated levels of PC	CBs in tissue.					
	· 0		Nonpoint/Point Source		_			
		Sediment Toxicity	Nonpoint/Point Source	Medium	2.2	Miles		
		Toxaphene	Nonpointer on a Source	High	2.2	Miles	1298	
			aphene in tissue and sediment.		-			
			Nonpoint Source					
		Toxicity	Nonpoint/Point Source	High	2.2	Miles		
	CALLEGUAS CREEK REACH 2 (0.5 403.12 MI S OF BROOME RD TO POTRERO RD	visikka minakapizisi positi no no n	<ul> <li>comma v river a situer in spanies a literative</li> </ul>	international de la societa	erial in southern a com		n, 800 - 17 Mai	, yî
		Ammonia		High	2.3	Miles	1298	
			Nonpoint/Point Source					
Comments pre								

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HYDRO REGION TYPE NAME UNIT	POLLUTANT/STRESSOR	R SOURCE	PRIORITY	SIZE AFFECTED	UNIT		ND Áte
anan na na anan ana ana ana ana ana ana	ChemA Elevated levels of che	emA pesticides in tissue.	High	2.3	Miles	1298	
	Chlordane Elevated level of chlo	Nonpoint Source	High	2.3	Miles	1298	
	Dacthal Elevated level of dact		High	2.3	Miles	1298	
ft	DDT	Nonpoint Source in tissue and sediment. Nonpoint Source	High	2.3	Miles	1298	
	Endosulfan Elevated level of ende		High	2.3	Miles	1298	
J&C	Nitrogen	Nonpoint/Point Source	Medium	2.3	Miles	1298	
	PCBs Elevated level of PCE	3s in tissue.	High	2.3	Miles		
	Sediment Toxicity	Nonpoint/Point Source Nonpoint/Point Source	Medium	2.3	Miles		
	Toxaphene Elevated level of toxa	phene in tissue and sediment.	High	2.3	Miles	1298	
na ana aona amin' amin'ny kaodim-paositra 2014. Ilay kaodim-paositra 2014 amin' am	Toxicity	Nonpoint Source Nonpoint/Point Source	High	<b>2.3</b>	Miles	1994-1995, 1995, 1995, 1995, 1995, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 199	- 14 g m
4 R CALLEGUAS CREEK REACH 3 403.12 (POTRERO TO SOMIS RD)	Chloride	Nonpoint/Point Source	Medium	7.7	Miles	0197 12	200
	Nitrate and Nitrite	Nonpoint/Point Source	Medium	7.7	Miles	1298	
	Total Dissolved Solids	Nonpoint/Point Source	Medium	7.7	Miles		
A R COMPTON CREEK 4005.15	Copper	Nonpoint/Point Source	Low	8.52	Miles	gene en	4•~~o~~>~~
	High Coliform Count	Nonpoint/Point Source	Medium	8.52	Miles		
	Lead	Nonpoint/Point Source	Low	8.52	Miles		
	рН	Nonpoint/Point Source	Medium	8.52	Miles	anna <u>nn ag an ag an an a</u> n an	8.00

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

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				( 303(u) LIST A			·	Approved by	USEPA: 12	-мау-99
EGION TY	PE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
4 R		CONEJO CREEK / ARROYO CONEJO NORTH FORK	403.64							
				Ammonia		High	6.51	Miles	1298	
					Nonpoint/Point Source					
				Chlordane		Medium	6.51	Miles	1298	
				Elevated levels of ch						
					Nonpoint Source					
				DDT Elevated levels of DL		Medium	6.51	Miles	1298	
				Elevated levels of DL						
				Oulfahaa	Nonpoint Source	Modium	6 64	Mileo		
				Sulfates	Nenneint/Reint Source	Medium	6.51	Miles		
				Total Dissolved Solids	Nonpoint/Point Source	Medium	6.51	Miles		
				I otal Dissolved Solids	Nonpoint/Point Source	mealulli	0.51	Milles		
		and the second second		1		* * * * # * * *	· · · y x	5	- 22 X X	8 c x, x 40°
4 R		CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	403.12							
				Algae		Low	5.8	Miles	1298	
		_	9		Nonpoint/Point Source					
				(Ammonia		High	5.8	Miles	1298	
					Nonpoint/Point Source					
				Cadmium		Medium	5.8	Miles		
				Elevated levels of ca						
					Nonpoint/Point Source					
				ChemA		High	5.8	Miles	1298	
				Elevated levels of ch	emA pesticides in tissue.					
					Nonpoint Source					
				Chromium	in tingun	Medium	5.8	Miles		
				Elevated levels of ch						
				<b>-</b>	Nonpoint/Point Source	11:			4200	
				Dacthal Elevated levels of da	acthal in tissue	High	5.8	Miles	1298	
					Nonpoint Source					
				DDT	Nonpoint Source	High	5.8	Miles	1298	
				Elevated levels of Di	DT in tissue	nign	5.6	Miles	1230	
					Nonpoint Source					
				Endosulfan		High	5.8	Miles	1298	
				Elevated levels of er	ndosulfan in tissue.		0.0	iiiioo		
					Nonpoint Source					
				Nickel	······································	Medium	5.8	Miles		
				Elevated levels of ni	ckel in tissue.					
			S	2	Nonpoint/Point Source					
				Org. enrichment/Low E	•	Medium	5.8	Miles		
					Nonpoint/Point Source					

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HYDRO	DOULUTANTISTICS	Provinces -	PRIORITY	SIZE	LIAUT	START	
REGION TYPE NAME UNIT	Silver	R* SOURCE	PRIORITY	AFFECTED 5.8	ÚNIT. Miles	DATE	DATE
<i>,</i>	Elevated levels of si	lver in tissue.	meandin	5.0	mica		
		Nonpoint/Point Source					
	Sulfates		Medium	5.8	Miles		
	Total Dissolved Solids	Nonpoint/Point Source	Medium	£ 0	Miles		-
		Nonpoint/Point Source	Medium	5.8	WIIIes		
	Toxaphene		High	5.8	Miles	1298	
	Elevated levels of to	xaphene in tissue and sediment.					
	·····	Nonpoint Source					
	Toxicity	Nonpoint/Point Source	High	5.8	Miles		
	antes antes a constantina antes a			's a lacanterizione invaniz.»		0996.223-2 <b>842.6</b> 266475557	helliti da el astroja, Selectuliti
4 R CONEJO CREEK REACH 2 (SANTA 403.63 ROSA RD TO THO. OAKS CITY							
LIMIT)	Algae		Low	2.67	Miles	1298	
		Nonpoint/Point Source					
	Ammonia		High	2.67	Miles	1298	
	Onderiver	Nonpoint/Point Source					
	Cadmium Elevated levels of ca	admium in tissue.	Medium	2.67	Miles		
		Nonpoint/Point Source					
	ChemA		High	2.67	Miles	1298	
	Elevated levels of ch	nemA pesticides in tissue.					
	Chloride	Nonpoint Source	Medium	2.67	Miles	0197	1200
	Chieffed	Nonpoint/Point Source		2.01		0101	1200
·	Chromium	•	Medium	2.67	Miles		
	Elevated levels of ch						
	Dacthal	Nonpoint/Point Source	High	2.67	Miles	1298	
	Elevated levels of da	acthal in tissue.		2.01	MIICO	1430	
		Nonpoint Source					
	DDT		High	2.67	Miles	1298	
	Elevated levels of D	DT in tissue. Nonpoint Source	*				
	Endosulfan	Nonpoint Source	High	2.67	Miles	1298	
	Elevated levels of er	ndosulfan in tissue.					
		Nonpoint Source					
	Nickel Elevated levels of ni	ickel in tissue	Medium	2.67	Miles		
	Elevated levels of fil	Nonpoint/Point Source					
	Org. enrichment/Low [	•	Medium	2.67	Miles		
		Nonpoint/Point 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.

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EGION TYPE NAME UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START. EI DATE DA
	Silver	an an an ann	Medium	2.67	Miles	
	Elevated levels of silv	ver 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 tox	caphene in tissue and sediment.				
	<b>-</b>	Nonpoint Source		<b>0</b> 0-		
	Toxicity		High	2.67	Miles	
1991年1月1日,1月1日,1月1日,1月1日(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日))(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1月1日)(1	a tana ang ang ang ang ang ang ang ang ang	Nonpoint/Point Source	· · · ·			· .
4 R CONEJO CREEK REACH 3 403.64						
(THOUSAND OAKS CITY LIMIT TO LYNN RD.)						
	Algae		Low	5.6	Miles	1298
	U	Nonpoint/Point Source				
	Ammonia	-	High	5.6	Miles	1298
		Nonpoint/Point Source	-			
	Cadmium		Medium	5.6	Miles	
	Elevated levels of ca	dmium in tissue.				
		Nonpoint/Point Source				
	ChemA		High	5.6	Miles	1298
	Elevated levels of ch	emA pesticides in tissue.				
	<b>.</b>	Nonpoint Source				
	Chromium	romium in tippup	Medium	5.6	Miles	
	Elevated levels of ch					
	Dacthal	Nonpoint/Point Source	Hinh	5.6	Miles	1298
	Elevated levels of da	cthal in tissue.	High	<b>J.</b> 0	wites	1230
		Nonpoint Source				
	DDT		High	5.6	Miles	1298
	Elevated levels of DL	DT in tissue.		0.0		
		Nonpoint Source				
	Endosulfan	-	High	5.6	Miles	1298
	Elevated levels of en	dosulfan in tissue.	-			
		Nonpoint Source				
	Nickel		Medium	5.6	Miles	
	Elevated levels of nic					
		Nonpoint/Point Source				
	Org. enrichment/Low D		Medium	5.6	Miles	
		Nonpoint/Point Source				
	Silver		Medium	5.6	Miles	
	Elevated levels of silv					
		Nonpoint/Point 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.

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HYDRO	POLLUTANT/STRESSOR	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	
	Sulfates		Medium	5.6	Miles		
	Total Dissolved Solids	Nonpoint/Point Source	Medium	5.6	Miles		
	Toxaphene Elevated levels of tox	aphene in tissue and sediment.	High	5.6	Miles	1298	
	Toxicity	Nonpoint Source Nonpoint/Point Source	High	5.6	Miles		
4 R CONEJO CREEK REACH 4 403.68 (ABOVE LYNN RD.)	nen en al se de checket de la constant de la const La constant de la cons	aan ahaa ahaa ahaa ahaa ahaa ahaa ahaa		an a	an an Sherika an San San San San San San San San San	and the latent of the second secon	2,424 <sup>-1</sup> 901:555-5-180#
<b>`</b>	Algae		Low	4.98	Miles		
	Ammonia	Nonpoint/Point Source	High	4.98	Miles	1298	
	ChemA Elevated levels of che	Nonpoint/Point Source	High	4.98	Miles	1298	
	Chloride	Nonpoint Source	Medium	4.98	Miles	0197	1200
	Dacthal Elevated levels of dad	Nonpoint/Point Source	High	4.98	Miles	1298	
	DDT Elevated levels of DD	Nonpoint Source	High	4.98	Miles	1298	
	Endosulfan Elevated levels of end	Nonpoint Source	High	4.98	Miles	1298	
	Org. enrichment/Low D.	Nonpoint 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 tox	Nonpoint/Point Source aphene in tissue and sediment.	High	4.98	Miles	1298	
	Toxicity	Nonpoint/Point Source	High	4.98	Miles		
4 R COYOTE CREEK 405.15	Abnormal Fish Histolog	y Nonpoint/Point Source	Medium _	13.45	Miles	an an ann an fhantair an an Arthread	adar Alin Contra an

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

Approved by USEPA: 12-May-99

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		R* SOURCE	PRIORITY	AFFECTED	UNIT
	Algae	Nonpoint/Point Source	Medium	13.45	Miles
	Ammonia	Nonpointer onit Source	High	13.45	Miles
		Nonpoint/Point Source		10.10	Antes
	High Coliform Count	•	Medium	13.45	Miles
	-	Nonpoint/Point Source			
	Silver		Medium	13.45	Miles
	Elevated levels of sil				
ు రాజాపుత్తాని సౌకర్యాత్ సరియోగ్రాముత్తో సాగా గారా కార్లా కార్లా కార్లికు కార్లికు	- propaging and in the contract and posterior in the	Nonpoint/Point Source	and the second		
R DOMINGUEZ CHANNEL (ABOVE 405.1 VERMONT)	2	പ്പെടും പുറസ്പ് ന്നും. പോളെ നിന്നും പോളെ നിന്നും തന്നെ പ് പ് പ് പ്	is not the second	а — толла 1200 С	··· · ·
	Aldrin		Medium	9	Miles
	Elevated levels of all	drin in tissue.			
	<b>.</b> .	Nonpoint/Point Source			
	Ammonia		Low	9	Miles
	ChamA	Nonpoint/Point Source	1.070-	•	
	ChemA Elevated levels of ch	emA pesticides in tissue.	High	9	Miles
		Nonpoint/Point Source			
	Chlordane		High	9	Miles
	Elevated levels of ch	lordane in tissue.		-	
		Nonpoint/Point Source			
	Chromium		Medium	9	Miles
	Elevated levels of ch				
	•	Nonpoint/Point Source			
	Copper		Low	9	Miles
	DDT	Nonpoint/Point Source	14	•	<b>88</b> 21 e -
		DT in tissue and sediment.	High	9	Miles
		Nonpoint/Point Source			
	Dieldrin		Medium	9	Miles
	Elevated levels of di	eldrin in tissue.		·	
		Nonpoint/Point Source			
	High Coliform Count		Low	9	Miles
		Nonpoint/Point Source			
	Lead		Low	9	Miles
	Elevated levels of lea				
	DALL	Nonpoint/Point Source		_	
	PAHs Elevated levels of PA	AHs in sediment	High	9	Miles
		Nonpoint/Point Source			
	PCBs	Nonponiar one source	High	9	Miles
	Elevated levels of P	CBs in tissue.	. ngn	J	MILES
		Nonpoint/Point Source			

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#### HYDRO SIZE START END POLLUTANT/STRESSOR\* PRIORITY NAME UNIT SOURCE UNIT DATE DATE REGION. TYPE AFFECTED Zinc High 9 Miles Elevated levels of zinc in sediment. **Nonpoint/Point Source** DOMINGUEZ CHANNEL ESTUARY 405.12 R 4 (TO VERMONT) 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 8.4 High 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**

#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

Approved by USEPA: 12-May-99

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

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Approved by USEPA: 12-May-99

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				ND TWIDL PRIORITY			Approved by	USLIA. I.	2-Muy-
GIÓN TYPI	E NAME	HYDRO UNIT	POLLUTANT/STRESSOR	source.	PRIORITY	SIZE AFFECTED	UNIT	START DATE	ENI DAT
4 R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	403.11							
			ChemA		High	13.5	Miles	1298	
÷			Elevated levels of che	emA pesticides in tissue.			•		
				Nonpoint Source					
			Chlordane Elevated levels of chic	ordane in tissue	High	13.5	Miles	1298	
				Nonpoint Source					
			DDT		High	13.5	Miles	1298	
			Elevated levels of DD	T in tissue and sediment.					
				Nonpoint Source					
			Nitrogen	Nonneint Source	Medium	13.5	Miles	1298	
			Sediment Toxicity	Nonpoint Source	Medium	13.5	Miles		
			Sediment Toxicity	Nonpoint Source	meanann	10.0	Mileo		
			Toxaphene	•	High	13.5	Miles	1298	
			Elevated levels of tox						
			<b></b>	Nonpoint Source			•••		
			Toxicity	Nonpoint Source	High	13.5	Miles		
			A second second second						
4 R	FOX BARRANCA	403.62	Boron		Medium	3.03	Miles		
			BOION	Nonpoint Source	Mediam	3.03	MILES		
			Nitrate and Nitrite	·····	Medium	3.03	Miles	1298	
				Nonpoint Source					
			Sulfates		Medium	3.03	Miles		
			Total Dissolved Calida	Nonpoint Source	Madium	2.02			
			Total Dissolved Solids	Nonpoint Source	Medium	3.03	Miles		
		404.00	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	"NY NY ANG ANG ANG ANG ANY	** <u>*</u> *********************************	e an an an an an			
4 R	LAS VIRGENES CREEK	404.22	High Coliform Count		High	11.47	Miles		
			riigh comonii count	Nonpoint Source	nign	11.47	Milea		
			Nutrients (Algae)	<b>-</b>	Medium	11.47	Miles	0193	12
			-	Nonpoint Source					
			Org. enrichment/Low D.		Medium	11.47	Miles		
				Nonpoint Source	• • • • •				
			Scum/Foam-unnatural	Nonpoint Source	Low	11.47	Miles		
			Selenium	Nonpoint Cource	Low	11.47	Miles		
				Nonpoint Source					
			Trash		Low	11.47	Miles		
				Nonpoint Source					

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STATISTICS I	STREET, TA			States and the second second		CARLES AND				and Participant
REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	AFFECTED	UNIT	START DATE	END DATE
4	R	LINDERO CREEK REACH 1	404.23	Algae		Medium	2.2	Miles		
				-	Nonpoint Source					
				High Coliform Count	Nonpoint Source	High	2.2	Miles		
				Scum/Foam-unnatural	Nonpoint Source	Low	2.2	Miles		
				Selenium	•	Low	2.2	Miles		
				Trash	Nonpoint Source	Low	2.2	Miles		
			and the second states and the	an an a' An Aile anns Tair an tha an Aile an Ai	Nonpoint Source	and the second secon	1/1/14.244.448.448.448.011100.48.411114.488.449.448.448.448.448.4			
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	404.23						n and south the second seco	n sonstandistandia da cidana 12 kg
		(,		Algae		Medium	4.8	Miles		
				High Coliform Count	Nonpoint Source	High	4.8	Miles		
				-	Nonpoint Source					
				Scum/Foam-unnatural	Nonnoint Source	Low	4.8	Miles		
				Selenium	Nonpoint Source	Low	4.8	Miles		
					Nonpoint Source					
				Trash	Nonpoint Source	Low	4.8	Miles		
Reprinted The			405.12	" www.et.by.Werthansiality.com/angles/angles/angles/angles/angles/angles/angles/angles/angles/angles/angle		<b>Georgen and an an and an an an an an an</b> an		<b>17 0.00%/07/07/18/</b> 22/22	and the second second subsection of the second s	9.00
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO GARSON STREET)	403.12							
				Ammonia		High	2.01	Miles	0194	1299
				High Coliform Count	Nonpoint/Point Source	Medium	2.01	Miles		•
					Nonpoint/Point Source					
				Lead	Nonneint/Deint Course	Low	2.01	Miles		
		$\backslash$		Nutrients (Algae)	Nonpoint/Point Source	Medium	2.01	Miles	0194	1299
					Nonpoint/Point Source					
			$\mathbf{i}$	рН	Nonpoint/Point Source	Medium	2.01	Miles		
				Scum/Foam-unnatural		Low	2.01	Miles		
			$\tau$		Nonpoint/Point Source					
			C	Trash	Nonpoint/Point Source	High	2.01	Miles		
4	R	LOS ANGELES RIVER REACH 2	405.15			nen für sicher auch einer einer annen der sonnen einen einer eine			ianaran menadaran	
		(CARSON TO FIGUEROA STREET)		Ammonia		High	19.37	Miles	0194	1299
					Nonpoint/Point Source					

Approved by USEPA: 12-May-99

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

Approved by USEPA: 12-May-99

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IN TYPE NAME UNIT	POLLUTANT/STRESSOF	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	EN DA
	High Coliform Count	<u></u>	Medium	19.37	Miles		- Ur
		Nonpoint/Point Source					
	Lead		Low	19.37	Miles		
		Nonpoint/Point Source					
	Nutrients (Algae)		Medium	19.37	Miles	0194	12
		Nonpoint/Point Source					
	Odors	Nonnoint/Point Source	Low	19.37	Miles		
	Oil	Nonpoint/Point Source	Medium	19.37	Miles		
		Nonpoint/Point Source	Mediani	13.57	MIIICS		
	Scum/Foam-unnatural		Low	19.37	Miles		
(	$\sim$	Nonpoint/Point Source					
	(Trash		High	19.37	Miles		
		Nonpoint/Point Source	and a structure of the factor of the	at a construction of the statement			
R LOS ANGELES RIVER REACH 3 405.21 (FIGUEROA ST TO RIVERSIDE DR.)	, norr <del>nagan</del> , tilt⊖ tilt son sons tinnedende Σener	a na 2012 na teoreta en como de construir de construir de construir de construir de construir de construir de c	, ακα - <, < , αβαση 20 - Σ το το που το τ		1.5 4 <sup>-</sup> 1997 1994 (n. h. h.	et vir hur in	
	Ammonia		High	7.24	Miles	0194	12
		Nonpoint/Point Source					
	Nutrients (Algae)		Medium	7.24	Miles	0194	12
	Odara	Nonpoint/Point Source	1	7.04			
	Odors	Nonpoint/Point Source	Low	7.24	Miles		
	Scum/Foam-unnatural	Nonpointer on a Source	Low	7.24	Miles		
		Nonpoint/Point Source	2011	/	MIICS		
(	Trash		High	7.24	Miles		
	$\setminus$ )	Nonpoint/Point Source					
R LOS ANGELES RIVER REACH 4 405.21 (SEPUVEDA DR. TO SEPULVEDA DAM)		wynu 2 a n. ¥' · . / · : , , , , , , , , , , , , , , , , , ,	αεμπτοφιοστογραφικα χ ης βαδοποει τι π. (π. ).	<ul> <li> en unterstandigen dast und</li> </ul>	- mito fi modeljenih miter i su prede		
	Ammonia		High	11.84	Miles	0194	12
		Nonpoint/Point Source					
	High Coliform Count	New stat/Data 10	Medium	11.84	Miles		
	Lead	Nonpoint/Point Source	Low	11.84	Miles		
	Leau	Nonpoint/Point Source	Low	11.04	Miles		
	Nutrients (Algae)	Nonpointr ont oource	Medium	11.84	Miles	0194	12
	······································	Nonpoint/Point Source				••••	
	Odors		Low	11.84	Miles		
		Nonpoint/Point Source					
$\sim$	Scum/Foam-unnatural		Low	11.84	Miles		
		Nonpoint/Point Source					
(	Trash	No to the start of	High	11.84	Miles		
ann ar gailteanna airtean a taite ar comarta ca ca ca ca ca catairte anna taite dhan dhan taite an 1410 anna 1		Nonpoint/Point Source			an a	where the participants of	N/ /1 >

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

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#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE Approved by USEPA: 12-May-99 HYDRO SIZE START END POLLUTANT/STRESSOR\* SOURCE PRIORITY AFFECTED UNIT DATE **REGION** TYPE NAME DATE LOS ANGELES RIVER REACH 5 405.21 4 R (AT SEPULVEDA BASIN) Ammonia High 1.93 Miles 0194 1299 **Nonpoint/Point Source** ChemA Medium 1.93 Miles Nonpoint/Point Source Chlorpyrifos Medium 1.93 Miles Elevated levels of chlorpyrifos in tissue. Nonpoint/Point Source Nutrients (Algae) Medium 1.93 Miles 0194 1299 Nonpoint/Point Source Odors 1.93 Low Miles Nonpoint/Point Source Oil Low 1.93 Miles Nonpoint/Point Source Scum/Foam-unnatural Low 1.93 Miles Nonpoint/Point Source Trash High 1.93 Miles Nonpoint/Point Source www.revis weeks a company we want to be a street and a b LOS ANGELES RIVER REACH 6 405.21 R (ABOVE SEPULVEDA FLD CNTRL BASIN) Dichloroethylene/1,1-DCE Low 6.17 Miles **Nonpoint Source** High Coliform Count Low 6.17 Miles **Nonpoint Source** Tetrachloroethylene/PCE 6.17 Low Miles **Nonpoint Source**

**Nonpoint Source** 

**Dam Construction/Operation** 

Nonpoint/Point Source

Nonpoint/Point Source

Nonpoint/Point Source

**Nonpoint Source** 

Low

Low

High

Medium

Low

Low

6.17

9.5

9.5

9.5

9.5

9.5

Miles

Miles

Miles

Miles

Miles

Miles

0193

1202

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

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MALIBU CREEK

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Trichloroethylene/TCE

High Coliform Count

Scum/Foam-unnatural

Nutrients (Algae)

Trash

**Fish barriers** 

404.21

Approved by USEPA: 12-May-99

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4	R	MATILIJA CREEK REACH 1 (JCT.	402.20				AFFECTED	ÜNIT	DATE DA
•	••	WITH N. FORK TO RESERVOIR)							
				Fish barriers	Dam Construction/Operation	Low	1.6	Miles	
4	R	MATILIJA CREEK REACH 2 (ABOVE RESERVOIR)	402.20		- cent and even while a	5 T. C. L. L. L. M. S. L. P. L. 4951	and a star	1997 - 1987 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	979 <b>(1</b> 88) - Maria
				Fish barriers	Dam Construction/Operation	Low	16.8	Miles	·
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	404.23	алан аларын аларын алар	e ne e vizito e tre produceren e	n – Virtelik menekari na	the states of the	ng synny i	, * 4. v
				Algae	Nonpoint Source	Medium	3.01	Miles	
				High Coliform Count		High	3.01	Miles	
				Selenium	Nonpoint Source	Low	3.01	Miles	
				Trash	Nonpoint Source	Low	3.01	Miles	
4		404.24	··· v v v.	Nonpoint Source	. *	× 2			
		COFL. WITH LINDERO)		Algae		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	
		and the state of the	VARA AND A CO	and the second for a second production of the	Nonpoint Source	• w «ma	***;******************	2 . <b>4</b>	
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	<ul> <li>Minist and Contraction Contraction on the second contraction of the second contract</li></ul>	പ്രം പ്രതിന്റെ തുടെ പ്രം നിന്നും എന്നും പ്രംഗും.	In mineral and a set		n na in the second second second second	an · ·
				Lead	Nonpoint Source	Low	2.09	Miles	
4	R	PALO COMADO CREEK	404.23	High Coliform Count		Line	7 70		
a sener get men van de state de state de part an state an oper state operaties state state state state state st	24-48-20-00 - 130	High Coliform Count		High	7.78	Miles			
4	R	PICO KENTER DRAIN	405.13	Ammonia	n na na sana ana ang ang ang ang ang ang ang ang	Low	4.77	Miles	ananan masar mataki ji ali y
					Nonpoint Source				
				Copper	Nonpoint Source	Medium	4.77	Miles	

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THE REPORT OF THE PROPERTY OF		17.4.4. A. & State of Concerning of State			Charles	and the second		
GION TYPE	NAME	HYDRO	POLLUTANT/STRESSC	DR* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START E
			Enteric Viruses	Nonpoint Source	High	4.77	Miles	
			High Coliform Count	•	High	4.77	Miles	
			Lead	Nonpoint Source	Low	4.77	Miles	
			PAHs	Nonpoint Source	High	4.77	Miles	
			Toxicity	Nonpoint Source	Medium	4.77	Miles	
			•	Nonpoint Source				
			Trash	Nonpoint Source	Low	4.77	Miles	
4 R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	403.11			27 - C. Y. (Y. C. P. 1994) - C. S. (S. 1994) - C. S. (S. 1995)	310		
	·		Algae	Nonpoint Source	Low	8.9	Miles	1298
			ChemA Elevated levels of ch	nemA pesticides in tissue.	High	8.9	Miles	1298
			Chlordane Elevated levels of ch	Nonpoint Source	High	8.9	Miles	1298
			Chlorpyrifos Elevated levels of ch	Nonpoint Source	High	8.9	Miles	1298
			Dacthal Elevated levels of da	Nonpoint Source	High	8.9	Miles	1298
			DDT Elevated levels of DI	Nonpoint Source DT in tissue and sediment.	High	8.9	Miles	1298
			Dieldrin Elevated levels of die	Nonpoint Source	High	8.9	Miles	1298
			Endosulfan	Nonpoint Source	High	8.9	Miles	1298
			Nitrogen	Nonpoint Source	Medium	8.9	Miles	1298
			PCBs Elevated levels of PC	Nonpoint Source CBs in tissue.	High	8.9	Miles	
			Selenium	Nonpoint Source Nonpoint Source	Low	8.9	Miles	

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GION TYPE NAME	HYDRO UNIT	POLLUTANT/STRESSO	Rt SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START E
n o na managana ang katalan na katang na katang katang katang katang katang katang katang katang katang katang Katang katang		Toxaphene		High	8.9	Miles	1298
		Elevated levels of to	xaphene in tissue and sediment.				
			Nonpoint Source				
		Toxicity		High	8.9	Miles	
			Nonpoint Source				
		Trash		Low	8.9	Miles	
	1	e i sayawan ili ili i	Nonpoint Source	an tan ang kang pangkapan			a nania ma
4 R RIO DE SANTA DRAIN #3	CLARA/OXNARD 403.11						
		ChemA		High	2.48	Miles	1298
		Elevated levels of ch	nemA pesticides in tissue.				
			Nonpoint Source				
		Chlordane		High	2.48	Miles	1298
		Elevated levels of cl					
			Nonpoint Source				
		DDT		High	2.48	Miles	1298
		Elevated levels of D					
		Nitzanan	Nonpoint Source	law	2.40	Miles	1298
		Nitrogen	Nonpoint Source	Low	2.48	Miles	1290
		PCBs	Nonpoint Source	High	2.48	Miles	
		Elevated levels of P	CBs in tissue.	i ngri	2.40	Miles	
			Nonpoint Source				
		Sediment Toxicity		High	2.48	Miles	
			Nonpoint Source				
		Toxaphene Elevated levels of to		High	2.48	Miles	1298
			Nonpoint Source				
4 R RIO HONDO RE RIVER TO SNT	EACH 1 (CONFL. LA 405.15 ANA FWY)	to the power of a subset of a start of the start of the subset	ా జారా సంధారావించి చెందింది. ఇది ఇది ఉద	43,997 - 1829 - 1877 - 1877 - 18	m ( <sub>1</sub> .5 • •	· ¢ ···	· · · · · · · · · · · · · · · · · · ·
		Ammonia		Low	4.19	Miles	0194 12
			Nonpoint/Point Source				
		Copper		Low	4.19	Miles	
			Nonpoint/Point Source				
		High Coliform Count		Low	4.19	Miles	
			Nonpoint/Point Source				
		Lead		Low	4.19	Miles	
			Nonpoint/Point Source				
		рН		Low	4.19	Miles	
		<b>-</b>	Nonpoint/Point Source				
		Trash		High	4.19	Miles	
		7:	Nonpoint/Point Source		4.40	Miloc	
		Zinc	Nonpoint/Point Source	Low	4.19	Miles	
		<ul> <li>A STATUS AND A STATUS A STATUS AND A STATUS AN A STATUS AND A STATUS</li></ul>	Nonpointroint Source		· · · · · · · · · · · · · · · · · · ·	and the second	- julianades (*j.; mi : viersko) - J

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#### HYDRO START END SIZE PRIORITY **REGION TYPE** NAME UNIT POLLUTANT/STRESSOR\* SOURCE AFFECTED UNIT DATE DATE 405.15 **RIO HONDO REACH 2 (AT** R **SPREADING GROUNDS)** Ammonia Medium 2.71 Miles 0194 1299 **Nonpoint/Point Source High Coliform Count** Low 2.71 Miles Nonpoint/Point Source SAN GABRIEL RIVER EAST FORK 405.43 R Trash High 12 Miles **Nonpoint Source** 405.15 SAN GABRIEL RIVER ESTUARY R Medium Abnormal Fish Histology 2.95 Miles Nonpoint/Point Source Arsenic Low 2.95 Miles Elevated levels of arsenic in tissue. **Nonpoint/Point Source** SAN GABRIEL RIVER REACH 1 405.15 R (ESTUARY TO FIRESTONE) Abnormal Fish Histology Medium 8.73 Miles **Nonpoint/Point Source** Algae Medium 8.73 Miles **Nonpoint/Point Source** Ammonia High 8.73 Miles Nonpoint/Point Source **High Coliform Count** Low 8.73 Miles Nonpoint/Point Source Toxigity Medium 8.73 Miles Nonpoint/Point Source SAN GABRIEL RIVER REACH 2 405.15 R (FIRESTONE TO WHITTIER NARROWS DAM High 9.99 Miles ۱mn Nonpoint/Point Source **High Coliform Count** Low 9.99 Miles Nonpoint/Point Source Miles Lead Low 9.99 Nonpoint/Point Source SAN GABRIEL RIVER REACH 3 405.41 R (WHITTIER NARROWS TO RAMONA) Medium Toxicity 3.52 Miles Nonpoint/Point Source

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ION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE D
4	R	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	405.41						
				Algae		Medium	13.12	Miles	
				Ammonia	Nonpoint/Point Source	High	13.12	Miles	
				Aminoma	Nonpoint/Point Source	nign	13.12	milles	
				High Coliform Count	Name sint/Daint Course	Low	13.12	Miles	
na nan Law	R	SAN JOSE CREEK REACH 2	405.51	e e e calego e la la la la mais de la mais de la composición de la composición de la composición de la composic	Nonpoint/Point Source	Store statements and the state	· · ·	<	1.0%.Visolit 1.00
-	n	(TEMPLE TO I-10 AT WHITE AVE.)	403.31						
				Algae	Nonpoint/Point Source	Medium	4.93	Miles	
				Ammonia	Nonpoint/Form Source	High	4.93	Miles	
					Nonpoint/Point Source				
				High Coliform Count	Nonpoint/Point Source	Low	4.93	Miles	
4	R	SANTA CLARA RIVER ESTUARY	403.11	e de la companya de la companya de	na an antaria a tanàna amin'ny tanàna minina dia kaominina dia kaominina dia kaominina dia kaominina dia kaomin	Server - waarber Arriger of	1899		
				ChemA		Medium	2.07	Miles	
				High Coliform Count	Nonpoint Source	Low	2.07	Miles	
				-	Nonpoint Source				
				Toxaphene	Nonpoint Source	Medium	2.07	Miles	
4	R	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	403.21	. •wa ⊌≉ *_uan	адаад (1993) ж. де се термет ст. дер	s - Terrier Finlenkaanaa Aga (2010 - 1943)	۰. ۵	۰	5. <b>X</b>
				Ammonia		Medium	13.24	Miles	
				Chloride	Nonpoint/Point Source	Medium	13.24	Miles	1297
			1999年1月1日日 - 1月1日日 - 1日日	n in the SMM in the third the statement	Nonpoint/Point Source	La total a construction of the rest of the			
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	403.51					244 <b>m</b> 4 1	
				Ammonia		Medium	9.21	Miles	
				Chloride	Nonpoint/Point Source	Medium	9.21	Miles	1297
				Chloride was relisted	•				
				High Coliform Count	Nonpoint/Point Source	Low	9.21	Miles	
				ngn comonn count	Nonpoint/Point Source	LOW	J.4 I	141162	
				Nitrate and Nitrite	Nonnaint/Daint Course	Medium	9.21	Miles	
. ಇ. ವ್ಯಾ. ಮುಂಬದಿ .	್ರಾಗ್ ಪ್ರದೇಶನ	in a state of the contract of the second			Nonpoint/Point Source	17 18 Sector Managements in the second sector in		So ha a second company and a second	

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19-7-1-1 			HYDRO				SIZE	1945 - S	START
GION 4	TYPE R	NAME SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD	403.51	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	AFFECTED	UNIT	DATE D/
		BRG		Ammonia		Medium	2.42		
				Annoula	Nonpoint/Point Source	wealum	3.42	Miles	
				Chloride Chloride was relisted	by USEPA.	Medium	3.42	Miles	1297
					Nonpoint/Point Source				
				High Coliform Count	Nonpoint/Point Source	Low	3.42	Miles	
				Nitrate and Nitrite	·····	Medium	3.42	Miles	
				Org oprichment/l our D	Nonpoint/Point Source				
	,			Org. enrichment/Low D	Nonpoint/Point Source	Medium	3.42	Miles	
4	R	SANTA CLARA RIVER REACH 9 (BOUQUET CYN RD.TO ABV LANG GAGNG)	403.51	annan a choir ann ann ann ann ann ann ann ann ann an	/#####################################	i (1766) sta da serie de la constante de la con	ning and an <b>an an an an an</b> an	an a	a an
				High Coliform Count		Low	12.69	Miles	
ette, och tette	t matalakan	at waa waa tuu uu ta ahaa ah waa ah waa ah waa ah a	ia mangalan katang sarat san	an a	Nonpoint/Point Source			THE REPORT OF LOW AND	Hereita de construction de constructions
4	R	SANTA MONICA CANYON	405.13	High Coliform Count		High	2.9		
					Nonpoint Source	nigii	2.9	Miles	
				Lead	Nonneist Course	Low	2.9	Miles	
nord A	R	SEPULVEDA CANYON	405.13	ana ar 1940 an	Nonpoint Source	a Tanan <b>Taning Sana ang Pa</b> t	ann ann an	and <mark>a deale an</mark> constant and	a Mahamatan Bada ang Kabupan Bada
-	ĸ		400.10	Ammonia		Low	6.8	Miles	
				High Coliform Count	Nonpoint Source		<u> </u>		
				High Comonn Count	Nonpoint Source	High	6.8	Miles	
				Lead	Nonpoint Source	Low	6.8	Miles	
4	R	STOKES CREEK	404.22		ana ang na manananan ang na manananan na ang na manananan ang na manananan ang na mananan na mananan na mananan	CARACTERIZATION CONTRACTOR	an a	99999999999999999999999999999999999999	an a
				High Coliform Count	Nonpoint Source	High	5.33	Miles	
nee-ooonitie <b>4</b>	R	TAPO CANYON REACH 1	403.67			ad a standar an		on a standard and a standard	
•				Boron		Medium	5.23	Miles	
				Chloride	Nonpoint/Point Source	Medium	5.23	Milos	0197 120
					Nonpoint/Point Source	mediulli	0.23	Miles	0197 120
				Sulfates	Nonpoint/Point Source	Medium	5.23	Miles	
				Total Dissolved Solids	, nonpointer oint Source	Medium	5.23	Miles	
					Nonpoint/Point Source			-	

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GION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOF	t* SOURCE	PRIORITY	SIZE AFFECTED	START UNIT DATE
4	R	TOPANGA CANYON CREEK	404.11					
				Lead		Low	8.6	Miles
<ul> <li>Constant</li> </ul>	8. z. ,	an a	مروف المراجع	www.collectore.com	Nonpoint Source	er an an ann an tha an		,上午到1985年6月,建筑1995年6月,日本1995年1月1日。
4	R	TORRANCE CARSON CHANNEL	405.12					
				Copper		Low	12.6	Miles
				High Coliform Count	Nonpoint Source	Medium	12.6	Miles
				High Comoni Count	Nonpoint Source	Medium	12.0	Miles
				Lead		Low	12.6	Miles
					Nonpoint Source			
4	R	TORREY CANYON CREEK	403.41	, « · . · · « · «	un a parta an			
				Nitrate and Nitrite		Medium	1.7	Miles
				and the second	Nonpoint Source			
4	R	TRIUNFO CANYON CREEK REACH	404.24		na anna a tha ta dtrifte tagainn. Na anna a tha ta tha dtrifte tagainn	n i birki te t		, ng∉rij rizmorrev i ri''
		1						
				Lead	Nannaint Causas	Low	4.06	Miles
				Mercury	Nonpoint Source	Low	4.06	Miles
				mercury	Nonpoint Source	2011	4.00	Miles
4	R	TRIUNFO CANYON CREEK REACH	404 25	e service a service e serv	an gan yang ang ang ang ang ang ang ang ang ang	5	÷ .	8 M
-	N	2	404.20					
				Lead		Low	1.98	Miles
					Nonpoint Source			
				Mercury	Nonnoint Course	Low	1.98	Miles
			x. x	a taga watang ta tana a sa sa w	Nonpoint Source	an a company and a company	·	· · · · · · · · · · · · · · · · · · ·
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	405.21					
		·		Ammonia		Medium	9.68	Miles 0194
				_	Nonpoint Source			
				Copper	Nonneint Course	Medium	9.68	Miles
				High Coliform Count	Nonpoint Source	Low	9.68	Miles
					Nonpoint Source	LOW	3.00	0011C3
				Odors		Low	9.68	Miles
					Nonpoint Source			
				Scum/Foam-unnatural		Low	9.68	Miles
				Turat	Nonpoint Source		0.00	A4:1
				Trash	Nonpoint Source	High	9.68	Miles
. 17% <sub>1</sub> .53		an a		ter, is street weighter an is the bidden and		a Million do de la Millio de la compañía de la c	د بايد در بېښې ور	Non-Mill Color March 1997 (No. 1997)
4	R	VENTURA RIVER ESTUARY	402.10	Alman			0.25	
				Algae	Nonpoint/Point Source	Low	0.35	Miles
					Honpoints on toource			

Water Act Section 303(d). In a few cases, they provide necessary information.

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#### Carlos and HYDRO **SIZE** ×. START END POLLUTANT/STRESSOR\* **REGION** TYPE NAME UNIT SOURCE PRIORITY AFFECTED UNIT DATE 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 402.10 R **VENTURA RIVER REACH 1** 4 (ESTUARY TO MAIN STREET) Miles Algae Low 0.18 **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 402.10 R VENTURA RIVER REACH 2 (MAIN 4 ST. TO WELDON CANYON) Algae Low 4.64 Miles Nonpoint/Point Source Copper 4.64 Low 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 4.64 Miles Low Elevated levels of zinc in tissue. **Nonpoint/Point Source VENTURA RIVER REACH 3** 402.10 4 R (WELDON CANYON TO CONFL. W/ COYOTE CR) Pumping Low 0.78 Miles **Nonpoint Source** Water Diversion 0.78 Miles Low **Nonpoint Source**

#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

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REGION	түре	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTEI	START D UNIT DATE	END
- 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	- · · · · · · · · · · · · · · · · · · ·	an San San San San San San San San San S	anne <sup>a</sup> chaidh ann an ann an ann an ann ann ann ann a		, ∀.β.‰ <sub>b</sub> , <b>* %</b> ∧, <b>•, ¢</b>	****
				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	an an an an ann an an an an an an an an		anna ann an an agus an 10 ann an 15			
		. , ,		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	,	., ಟಿಚ್ಚುಗೆ ಬಳಕ್ಕೆ ಸಿದ್ದಿ ಸಿದ್ದ ಸ	مى - مىرمى رى مى مى .		e e a composition a	
				рН	Nonpoint/Point Source	High	13.9	Miles	
				Toxicity	Nonpoint/Point Source	Medium	13.9	Miles	
• • • • • • • • • • • • • • • • • • •	R	WHEELER CANYON / TODD BARRANCA	403.21	《文··加··································		್ಯೆ ಸಂಸ್ಥೆಯ ಹಾಗೂ ಕಾರ್ಯಕ್ರಿಯಾಗಿ ಕಂತಿಗೆ	2.54	్రత్యాయం ఇంగా .	
				Nitrate and Nitrite	Nonpoint Source	Medium	4.17	Miles	
4	R	WILMINGTON DRAIN	405.12	t were and strike control of the system of the	: ಯುಗೆ ಇ <b>ಲ್ಲಿ</b> ಕ್ ಕೊಟ್ಟಿ ಎಂದು ಇಂದು ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿರ್ದಾಸಕ್ಷ ನಿ	ne un co son montantes e		an dha ta dhall an an ta an ta	
				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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egion typi	E NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START END
4 T	BALLONA CREEK WETLANDS	405.13						
			Arsenic		Medium	86	Acres	
			Elevated levels of ars					
				Nonpoint Source				
			Exotic Vegetation		Low	86	Acres	
				Nonpoint Source				
			Habitat alterations	Nama sint Causa a	Low	86	Acres	
			Lhudnom e diffection	Nonpoint Source	t en u	96		
			Hydromodification	Nonpoint Source	Low	86	Acres	
			Reduced Tidal Flushing	•	Low	86	Acres	
			Reduced Huai Plushing	Nonpoint Source	LOW	00	Acres	
			Trash		High	86	Acres	
				Nonpoint Source		••	70100	
<b>unana</b> r static aimeirrine						anna ar ann a <del>' an</del> anns anns an Arainn a'	A STREET, A STREET, NO.	and the strategy of the second strategy strategy and
4 T	COLORADO LAGOON	405.12	Chlordane		High	13.6	Aaraa	
				ordane in tissue and sediment.	mgn	15.0	Acres	
				Nonpoint Source				
			DDT		High	13.6	Acres	
			Elevated levels of DD	)T in tissue.				
				Nonpoint Source				
			Dieldrin		Medium	13.6	Acres	
			Elevated levels of die	ldrin in tissue.				
				Nonpoint Source				
			Lead		Medium	13.6	Acres	
			Elevated levels of lea	d in tissue and sediment.				
				Nonpoint Source				
			PAHs Elevated levels of PA	Hs in sediment	High	13.6	Acres	
				Nonpoint Source				
			PCBs	Nonpoint Source	High	13.6	Acres	
			Elevated levels of PC	Bs in tissue.			AV163	
				Nonpoint Source				
			Sediment Toxicity	•	Medium	13.6	Acres	
			•	Nonpoint Source				
			Zinc		Medium	13.6	Acres	
			Elevated levels of zin	c 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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GION	TYPE	NAME	UNIT	POLLUTANT/STRESSOR	* SOURCE	PRIORITY	AFFECTED	UNIT	DATE	
				High Coliform Count	Nonnaint Causa-	Low	16	Acres		
					Nonpoint Source	Low	16	Acres		
				Lead	Nonpoint Source	LUW	10	AVIC3		
		·		Zinc		Medium	16	Acres		
					Nonpoint Source					
5	E	DELTA WATERWAYS	544.000		ia.					
-	-			Chlorpyrifos		High	480000	Acres	0198	1
					Agriculture					
					Urban Runoff/Storm Sewers					
				TDD		Low	480000	Acres	0104	1
				<b></b>	Agriculture	12-6	490000	A	0400	
				Diazinon	Agriculture	High	480000	Acres	0198	1
					Agriculture Urban Runoff/Storm Sewers					
				Electrical Conductivity	Ciban Aunomotorin Gewers	Medium	16000	Acres	0101	
				2.500 logi Sondaoarny	Agriculture					
				Group A Pesticides	-	Low	480000	Acres	0104	
					Agriculture					
				Mercury		High	480000	Acres	0198	•
				Resource extraction s	ources are abandoned mines.					
				Org. enrichment/Low D.0	Resource Extraction	High	75	Acres	0101	
				Org. ennonmenucow D.(	J. Municipal Point Sources	ngn	15	A0163	0101	
					Urban Runoff/Storm Sewers					
				Unknown Toxicity		Medium	480000	Acres	0101	1
					Source Unknown					
5	L	BERRYESSA LAKE	512.210	, w				, ·		
-				Mercury		High	20700	Acres	0198	1
				-	Resource Extraction					
5	L		513.520	ಕ್ರಾಮಿಸಿದ್ದರೆ ಸಂಭ	inat di sina sina sina sina sina ana	1.1.16	* * :	n ay Canton	e un 19	
-				Mercury		High	43000	Acres	0198	
				-	Resource Extraction					
				Nutrients		Low	43000	Acres	0104	1
		محر و مردور و المحرور و	to an ann an t	and grant production of the state of the	Source Unknown	and the second second	به موجد ا	an angen par kine Ma		
5	Ĺ	DAVIS CREEK RES	513.320							
				Mercury		Medium	290	Acres	0198	1
		la anna an ann an ann an ann an an ann an a	- N - COM LC - Marchen - Lon - C	e i en deren e en en deren deren er	Resource Extraction	× , .: ×*:			16 a - 16 a	
5	L	KESWICK RES	524.400	a water and a contract and and and a						
				Cadmium		Medium	200	Acres	0198	1
					Resource Extraction					
				Copper		Medium	200	Acres	0198	•
					Resource Extraction					

Water Act Section 303(d). In a few cases, they provide necessary information.

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s	<u>TXRE</u> L	NAME MARSH CREEK RES	543.000	POLLUTANT/STRESSOF Zinc	Resource Extraction	Medium	AFFECTED 200		DATE 0198	DATE 1211
-	unionarius L unionarius L	MARSH CREEK RES	543.000		Resource Extraction	mealum	200	Acres	ntux	
aanaan daaan maan waxaa daa ina ahiya	L L	MARSH CREEK RES	543.000	<b></b>					0100	1211
aanaantaaannaa accidiga (2.8%)e	L L					<b>*****</b> /# <b>**</b> ***************************		i Martina di Santa Italy	1907-117-1944 († 1914) <b>1914</b> († 1914)	
	umaner: L			Mercury		Medium	375	Acres	0198	1211
5	L	an a	na secondari ana dagaran s	na e seus companya and an	Resource Extraction	anta 2000 - A facto <b>ren en antana de ser</b> a de presentado	and the second state of th	an a	20114 - 745 feb.2006 87389997	Marine courses
		SHASTA LAKE	506.100	O a dara i wara		•				
				Cadmium	Resource Extraction	Low	20	Acres	0104	1211
				Copper		Low	20	Acres	0104	1211
				Zinc	Resource Extraction		20			4044
				Zinc	Resource Extraction	Low	20	Acres	0104	1211
5	L	WHISKEYTOWN RES	524.610	<b>ena c</b> entre de <b>la company de la company</b>	ne de seren seren en e			***************************************	an shekara batala	Selo-reason describe
-				High Coliform Count		Low	100	Acres	0104	1211
and a subserve the second s	ir ta shek ir	an a	w.e.malienaren artenaren de	ar 15.54 - Adam <b>Indonesia (19</b> 97) (1997) (1997) (1997) (1997) (1997)	Septage Disposal	a de la companya de l	aanaa ahaan ahaan ahaa ahaa ah	19 <b>18</b>	e e restanción primero de la composición de la composición de la composición de la composición de la composició	
5	R	AMERICAN RIVER, LOWER	519.210	Group A Pesticides		Low	23	Miles	0104	1211
				Cloth A Leanores	Urban Runoff/Storm Sewers	200	LJ	AINES	0104	1211
				Mercury Resource extraction of	ources are abandoned mines.	Medium	23	Miles	0101	1211
				Resource extraction s	Resource Extraction					
				Unknown Toxicity		Low	23	Miles	0104	1211
ala ta managana ta	antrative se	na mar kan di manyaka dalah kana kana kana kana kana kana kana ka	Descriming of the second s	na a companya di na mangana	Source Unknown	AN TELEVISION AND AND AND AND AND AND AND AND AND AN			a olo a substantin in subs	The "science of the state of the science of the sci
5	R	ARCADE CREEK	519.210	Chlomutifor		Medium	10	Mileo	0409	4044
				Chlorpyrifos	Urban Runoff/Storm Sewers	medium	10	Miles	0198	1211
				Diazinon	a af diaminana fan Abana yn ta ta diamina	Medium	10	Miles	0198	1211
				i ne agricultural sourc	e of diazinon for these waterbodies is Agriculture	s from aerial depo	sition.			
					Urban Runoff/Storm Sewers					
5	R	CACHE CREEK	511.300					i in an	nacione de catalant anna	an namet makinggi
				Mercury Resource extraction of	ourse an ebendered miner	High	35	Miles	0196	1205
				Resource extraction s	ources are abandoned mines. Resource Extraction					
				Unknown Toxicity		Medium	35	Miles	0101	1211
					Source Unknown					
-			E10 240					allander verste kliver		1
5	R	CHICKEN RANCH SLOUGH	519.210	Chlorpyrifos		Medium	5	Miles	0198	1211
					Urban Runoff/Storm Sewers					

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GION TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOÚRCE		SIZE FECTED	UNIT	START DATE	E D
			Diazinon		Medium	5	Miles	0198	1:
			The agricultural sour	ce of diazinon for these waterbodies is	trom aerial depositio	n.			
				Agriculture					
an aline e , a second que competence	and the second constraints and the second	· · ·	<ul> <li>Solution and the second se</li></ul>	Urban Runoff/Storm Sewers	6. ·				
5 R COLU	SADRAIN	520.210							
			Carbofuran/Furadan		Medium	70	Miles	0101	1
				Agriculture					
			Group A Pesticides	A	Medium	70	Miles	0101	1:
			Malathian	Agriculture	Madium	70	N#11	0404	
			Malathion	Agriculturo	Medium	70	Miles	0101	1:
			Methyl Parathion	Agriculture	Medium	70	Miles	0101	1:
			mentyrraidullon	Agriculture	MEGIUIII	10	miles	0101	1.
			Unknown Toxicity		Medium	70	Miles	0101	1
				Agriculture					•
	NORFEX	E 40 F 40	8 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	-					
5 R DOLL	YCREEK	518.540	Copper		Medium	1	Miles	0101	1
			••	sources are abandoned mines.	meatulli		willes	0101	'
				Resource Extraction					
			Zinc		Medium	1	Miles	0101	1
				sources are abandoned mines.					
				Resource Extraction					
5 R DUNN	CREEK	543.000	a sana a sa manana da k	nedeletane zaanen et 🦛 ee la situation ola ee ee ee ee			· ·	`	
			Mercury		Low	9	Miles	0104	1
			-	sources are abandoned mines.					
				Resource Extraction					
			Metals		Low	9	Miles	0104	1
			Resource extraction	sources are abandoned mines.					
way by any country or a second	a generation of the construction of the state of the stat	1939 - 1939 - 1939 - 1939 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 - 1938 -	· · · · · · · · · · · · · · · · · · ·	Resource Extraction	NATION CONTRACTOR OF A STATE	· · · · · · · · · · · · · · · · · · ·	2 N. Q. A. S. A. S		
5 R ELDE	R CREEK	519.120	and the second of the second sec						
			Chlorpyrifos		Medium	10	Miles	0198	1
				Urban Runoff/Storm Sewers					
			Diazinon	· · · · · · · · · · · · · · · · · · ·	Medium	10	Miles	0198	1
			The agricultural sour	ce of diazinon for these waterbodies is	a trom aerial depositio	on.			
				Agriculture					
- warmen and a substance	ನ ಪ್ರತಿಯನ್ ಪ್ರವಾಭಿಗಳುಗಳ ನನ	en en	with the state of	Urban Runoff/Storm Sewers	e e e	e		· 4y	
5 R ELK	ROVE CREEK	519.110							
			Diazinon		Medium	5	Miles	0198	1
			The agricultural sour	ce of diazinon for these waterbodies is	s from aerial depositio	on.			
				Agriculture					
	and a subscription of the	ar, artan az atologokarinan ar	and a state of the second data and the second se	Urban Runoff/Storm Sewers	na maadaaaaaa oo oo oo ahaa	u of Philipping	Less and make also	weeks to the state of the second	هار ا

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REGIO	DN-TY	PENAME	HYDRO	POLLUTANT/STRESSO	R* SOURCE		SIZE FECTED		START	END DATE
5	R	FALL RIVER (PIT)	526.400			AL		e Annamar (		<u>DAIE</u>
				Sedimentation/Siltation		Medium	25	Miles	0104	1211
					Agriculture-grazing					
					Silviculture					
48345734 <sup>5</sup> 0707222.0	<b>MARKEN M</b> ALDANS			ana ana amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o a	Highway/Road/Bridge Construction					
5	R	FEATHER RIVER, LOWER	519.220	Diazinon		High	~~	N#11		4005
				Didzinion	Agriculture	nign	60	Miles	0198	1205
					Urban Runoff/Storm Sewers					
				Group A Pesticides		Low	60	Miles	0104	1211
					Agriculture					
•				Mercury Resource extraction	sources are abandoned mines.	Medium	60	Miles	0101	1211
				Resource extraction s	Resource Extraction					
				Unknown Toxicity		Medium	60	Miles	0101	1211
					Source Unknown					
5	erreensee R	FIVE MILE SLOUGH	544.000			nal Palaina ann an Staite an Staite ann an Staitean an Staitean an Stàitean an Stàitean an Stàitean an Stàitean	n21.09/9 <b>884949</b> /9 <del>.9</del> /9.40389	aden addeen oor arend	- 2.591-002000000000000000000-	an a
				Chlorpyrifos		Medium	1	Miles	0198	1211
					Urban Runoff/Storm Sewers					
				Diazinon The agricultural source	ce of diazinon for these waterbodies is fr	Medium	1	Miles	0198	1211
				The agricultural source	Agriculture	um aenar depositio	<i></i>			
					Urban Runoff/Storm Sewers					
<del></del> 5	R		516.320	naar oo ganaa ay ahaa ahaa ahaa ahaa ahaa ahaa ah		naan ta Malaka (sa faaran na magaan ta aa ay ay an sa	1956 onligh de 2019 (1956 - <sub>de</sub> marco	an fan Elf Marian - Proder Bandadfar	**************************************	o 1 - 19690000 (AC, 196-19, 1
•				Bacteria		Low	1	Miles	0104	1211
					Land Disposal					
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	535.500		nan mananan karang k					
				Ammonia		Low	7	Miles	0104	1211
					Municipal Point Sources					
				Chlomurifee	Agriculture	Medium	7	Mile -	0400	4044
				Chlorpyrifos	Agriculture	mealum	1	Miles	0198	1211
				Diazinon		Medium	7	Miles	0198	1211
-		·			Agriculture			-		
				Unknown Toxicity		Medium	7	Miles	0198	1211
arrayanti Perdapaka kata 12	Lund Hy The States	y Sefer and a second		n de an	Agriculture		and the second second second		emane States	an the state of the
5	R	HARLEY GULCH	513.510							
				Mercury Resource extraction s	sources are abandoned mines.	Medium	8	Miles	0101	1211
			· ·	Resource extraction s	Resource Extraction					
(XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		and the second secon								SCIENCE AND

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		The seattle same		A 2006 (2008 A 2014		1	3.6.5000-5-5	- 
	PE NAME	HYDRO UNIT	POLLUTANT/STRESSOR	PRIORITY	SIZE AFFECTED	UNIT	START DATE	
5 R	HORSE CREEK	526.200						
			Cadmium	Low	2	Miles	0104	121
			Resource extraction sources are abandoned mines.					
			Resource Extraction					
			Copper	Low	2	Miles	0104	12
			Resource extraction sources are abandoned mines.					
			Resource Extraction					
			Lead	Low	2	Miles	0104	12
			Resource extraction sources are abandoned mines.					
			Resource Extraction Zinc		•			
			Resource extraction sources are abandoned mines.	Low	2	Miles	0104	12
			Resource Extraction					
	where we are the second s	and the second		Same Carlo and Same Same			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	
5 R	HUMBUG CREEK	517.320	_					
			Copper	Low	9	Miles	0104	1:
			Resource extraction sources are abandoned mines.					
			Resource Extraction		-			
			Mercury Resource extraction sources are abandoned mines.	Low	9	Miles	0104	1
			Resource Extraction					
			Sedimentation/Siltation	Low	9	Miles	0104	1
			Resource Extraction	LOW	J	WI162	0104	
			Zinc	Low	9	Miles	0104	1:
			Resource extraction sources are abandoned mines.	2010		mileo	0.04	
			Resource Extraction					
5 R	JAMES CREEK	512.240	ు గార్మంగ్రెడ్ స్. సార్థానికి సార్థానికి గార్థి సోర్టర్ గార్మంగ్ గార్డ్ గార్గార్ గార్డ్ గార్గార్ గార్డ్ గార్గార	a seguration of		· • #		
<b>э</b> к	JAMES CREEK	512.240	Maraum	1	c	Miles	0404	
			Mercury Resource extraction sources are abandoned mines.	Low	6	Miles	0104	12
			Resource Extraction					
			Nickel	Low	6	Miles	0104	1:
			Resource extraction sources are abandoned mines.	2011			0.04	
			Resource Extraction					
5 R		517.420	n na standarda a fra daga ya 1900. Bargarita dala a talah separa a sana a	an an suith ann an suith	1. a. a. 4. a. a.	<ul> <li>a constant</li> </ul>	e George († 1889) - Er	
5 R	KANAKA CREEK	517.420	Arsenic	1.000	4	Miles	0104	
			Resource extraction sources are abandoned mines.	Low	1	Miles	0104	12
			Resource Extraction					
·	······································			···· · ··· ··· ··· ··· ··· ··· ··· ···		· · ·		
5 R	KINGS RIVER (LOWER)	551.900						
			Electrical Conductivity	Low	30	Miles	0104	12
			Agriculture					
			Molybdenum	Low	30	Miles	0104	12
			Agriculture		20	B.4.1		
			Toxaphene Agriculturo	Low	30	Miles	0104	12
		stra in administration and the second		AL Y ALL Y WARDING YO	an in states all states	Version of the second second	analisia an	

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REGION	TYPE	NAME	. HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
5	R	LITTLE BACKBONE CREEK	506.200	Acid Mine Drainage	Resource Extraction	Medium	1	Miles	0104	1211
				Cadmium Resource extraction s	sources are abandoned mines.	Medium	1	Miles	0104	1211
				Copper Resource extraction s	Resource Extraction sources are abandoned mines.	Medium	1	Miles	0104	1211
				Zinc Resource extraction s	Resource Extraction sources are abandoned mines. Resource Extraction	Medium	1	Miles	0104	1211
5	R	LITTLE COW CREEK	507.330	Cadmium Resource extraction s	sources are abandoned mines.	Low	1	Miles	0104	1211
				Copper Resource extraction s	Resource Extraction sources are abandoned mines.	Low	1	Miles	0104	1211
				Zinc Resource extraction s	Resource Extraction sources are abandoned mines. Resource Extraction	Low	1	Miles	0104	1211
5	R	LITTLE GRIZZLY CREEK	518.540		NING THE COMPANY AND A STATE OF A COMPANY AND A COMPANY AND A COMPANY	Medium	10	Miles	0101	1202
				Zinc	Mine Tailings Mine Tailings	Medium	10	Miles	0101	1202
5	R	LONE TREE CREEK	531.400	Ammonia		Low	15	Miles	0104	1211
				Biological Oxygen Dem	Dairies an Dairies	Low	15	Miles	0104	1211
anticities for a comparison	ale and a start	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩		Electrical Conductivity	Dairies	Low	15	Miles	0104	1211
5	R	MARSH CREEK	543.000	Mercury Resource extraction :	sources are abandoned mines.	Low	24	Miles	0104	1211
				Metals Resource extraction :	Resource Extraction sources are abandoned mines. Resource Extraction	Low	24	Miles	0104	1211

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GION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	E D,
5 R M	R	MERCED RIVER, LOWER	535.000							
			Chlorpyrifos		High	60	Miles	0198	1:	
			Dianiman	Agriculture						
				Diazinon	Agriculture	High	60	Miles	0198	1:
				Group A Posticidan	Agriculture	1.000	60	N#11	0404	
				Group A Pesticides	Agriculture	Low	60	Miles	0104	13
- 	3863 WY 1 ~~ 4	lador negatives μαραδιάρετασματαζα Α. Η τολολογογιατικό, το πολογοριατικό του πολογοριατικό μαραδιά 	s an an teach	an ann a tha staire e e e an an ann ann ann an an an an an an an	Agriculture	1. 2000 ( Sec. 13. 14. 1 M ) M ( )	114 <sup>11</sup> 2 1 1 1 4	• 25, 170 est 11 # 11 *	the the second s	\$
5	R	MOKELUMNE RIVER, LOWER	531.200	0						
				Copper Resource extraction	sources are abandoned mines.	Low	28	Miles	0104	1:
				Nesource extraction s	Resource Extraction					
				Zinc	Resource Excedenon	Low	28	Miles	0104	1:
					sources are abandoned mines.	LOW	20	miles	0104	1.
					Resource Extraction					
• \$\$\$~~\$\$\$~~\$\$\$``\$	•		510 420	<ul> <li> <ul> <li> <ul> <li> </li> <li> <li> </li> <li> <li> </li> </li> <li> </li> <li> <li> </li> <li> </li> <li></li></li></li></li></li></li></li></li></li></li></li></li></li></ul></li></ul></li></ul>	an and the second second as a second	and and a state of the second s	س محمد م	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	: ' %42 - v - '	
5	R	MORRISON CREEK	519.120	Diazinon		Medium	20	Miles	0109	
					e of diazinon for these waterbodies		20 osition.	Miles	0198	1
					Agriculture					
					Urban Runoff/Storm Sewers					
		NOSHED SLOUCH	EAA 000	e en en exercita	A STATE AND	and a state to the second	÷	· ·	• •	
5	R	MOSHER SLOUGH	544.000	Chlorpyrifos		Madium	2	Milao	0109	
				Childpymos	Urban Runoff/Storm Sewers	Medium	2	Miles	0198	1:
				Diazinon	C. 241 Renomotorin Demets	Medium	2	Miles	0198	1:
					e of diazinon for these waterbodies			mines	0100	
				-	Agriculture	,				
					Urban Runoff/Storm Sewers					
5	R	MUD SLOUGH	541.200	(2) X horburg - and dot real an objective considerable and a "Allerting Constantion of a state of the state of the stat	ne og 2019 ander som	. WAR Generation and State 1.	· · · · · · ·	· · · · · · · · · ·	5.95	
-				Boron		Low	16	Miles	0101	1:
					Agriculture	2011				
				Electrical Conductivity	-	Low	16	Miles	0101	1:
					Agriculture					
				Pesticides		Low	16	Miles	0101	1:
					Agriculture					
				Selenium		High	16	Miles	0592	12
					Agriculture					
				Unknown Toxicity		Low	16	Miles	0101	1:
		n in an	sine yan Striken Brank araya a	n an an an an an an an an ann an an an a	Agriculture	August to a start of		s i carit manada.	x 6xx.2 x x. **	
5	R	NATOMAS EAST MAIN DRAIN	519.220		-					
				Diazinon		Medium	5	Miles	0198	12
				The agricultural source	e of diazinon for these waterbodies	is from aerial depo	osition.			
					Agriculture					
					Urban Runoff/Storm Sewers					

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE			UNIT	START DATE	END DATE
and the second line	. 8.3 %	and a substant substant and substant and substant substant substant substant substant substant substant substan		PCBs	n na annana na nagaranga pangangan na n	Low	12	Miles	0104	1211
					Industrial Point Sources Urban Runoff/Storm Sewers				0.01	
5	R	ORESTIMBA CREEK	541.100					Contract & Electrony of a		
				Chlorpyrifos		Medium	10	Miles	0198	1211
				Diaminan	Agriculture	<b>11</b> - d'anna				
•				Diazinon	Agriculture	Medium	10	Miles	0198	1211
				Unknown Toxicity		Medium	3	Miles	0101	1211
					Agriculture					
5	R	PANOCHE CREEK	542.400	an fan en skrief fan fan fan fan fan fan fan fan fan fa	lan menangkan pengenangkan pengenangkan pengenangkan pengenangkan pengenangkan semi pengangkan pengenangkan pen	-		" SECONDER SAME AND AN APPRESS	o na amangkangkangkangkangkangkangkangkangkangk	S-CURANGE CONTRACTOR AND
				Mercury		Low	25	Miles	0104	1211
				Resource extraction s	sources are abandoned mines.					
				Sedimentation/Siltation	Resource Extraction	Low	40	Miles	0104	1211
				ocumentationsentation	Agriculture	2011	40	wines	0104	1211
					Agriculture-grazing					
					Road					
				Selenium	Construction	Low	40	Miles	0104	1211
				ocielium.	Agriculture	2011		Mines	0104	1211
					Agriculture-grazing					
		a a su a		an and a submember of the language states of the submember of the submember of the submember of the submember of	Road Construction			au 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
5	R	PIT RIVER	506.000							100 100 100 100 100 100 100 100 100 100
				Nutrients		Low	100	Miles	0104	1211
					Agriculture					
				Org. enrichment/Low D.	Agriculture-grazing O.	Low	100	Miles	0104	1211
					Agriculture				0104	
					Agriculture-grazing					
				Temperature	A	Low	100	Miles	0104	1211
					Agriculture Agriculture-grazing				-	
terre alle and the second s	C10488880484				~yırurure-yıetiliy			1999		e secondaria and and and and and and and and and an
5	R	SACRAMENTO RIVER (RED BLUFF TO DELTA)	500.000							
		<b> · · · ,</b>		Diazinon		High	30	Miles	0198	1205
					Agriculture					
				Mercury Resource.extraction s	sources are abandoned mines.	High	30	Miles	0198	1205
				Nesouj Cerexit action s	Resource Extraction					
				Unknown Toxicity		Medium	185	Miles	0101	1211

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

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6	13 (6.18)00-3.44	a a second and a second s	Martin La managana San Angara						_	12-may-9
GIÓN			HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
5	R	SACRAMENTO RIVER (SHASTA DAM TO RED BLUFF)	508.100							
			'(	Cadmium		High	40	Miles	0196	1201
				Resource extraction :	sources are abandoned mines.	-				
		$\backslash$		Copper	Resource Extraction	High	40	Miles	0196	1201
		$\backslash$	0		sources are abandoned mines.	nign	40	wites	0196	1201
					Resource Extraction					
				Unknown Toxicity	Source Unknown	Medium	50	Miles	0101	1211
			X	Zinc		High	40	Miles	0196	1201
				Resource extraction :	sources are abandoned mines.					
s n .//	R	SACRAMENTO SLOUGH	520.100	an a tao an 1997 an an an Marana (Arababa an	Resource Extraction	····»	¢ - 1	** 5 4 ****	an an a	
	iv.		520.100	Diazinon		Medium	1	Miles	0198	1211
					Agriculture					
÷				Mercury	Urban Runoff/Storm Sewers	Medium	1	Mileo	0109	4744
				Mercury	Source Unknown	Medium	r	Miles	0198	121
5	R	SALT SLOUGH	541.200	1997 - 199 (-111-CH),	a Sara a na an	a de la gradia				
				Boron	A	Low	15	Miles	0198	121
		$\beta$		Chlorpyrifos	Agriculture	Low	15	Miles	0198	1211
					Agriculture			inite o	0.00	
				Diazinon	Agriculture	Low	15	Miles	0198	1211
				Electrical Conductivity	Agriculture	Low	15	Miles	0198	121 <sup>.</sup>
					Agriculture					
			t	Selenium	Agriculture	High	15	Miles	0592	1298
				Unknown Toxicity	, groataro	Low	15	Miles	0198	1211
		Navanan ang kan sa	da 6 18 Managany yan 19 - 6 Ma	is in the state of		an an particular Security and		1 . A.M. 19	and the second	
5	R	SAN CARLOS CREEK	542.200							
				Mercury Resource extraction s	sources are abandoned mines.	Low	1	Miles	0104	1211
					Resource Extraction					
5	R	SAN JOAQUIN RIVER	544.000	*** X *** * * * * * * * * * * *	an Marin Marin and Anna an Anna	er' ,¥₹∞,∞,∞,r, , ≴	***** <b>;</b> -	Aur 9.1%	r×¥\$°∰3320 € .	<b>**</b> *
				Boron	Agriculture	High	130	Miles	0697	1299
		W		Chlorpyrifos	Agriculture	High	130	Miles	0198	1205
		$\backslash$			Agriculture					
		$\backslash$		DDT	Agriculture	Low	130	Miles	0104	1211
		•			Agriculture					

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

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#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE

HYDRO SIZE START END PRIORITY UNIT POLLUTANT/STRESSOR\* SOURCE UNIT **REGION TYPE** NAME C. Standard H. J DATE DATE 130 Diazinon High Miles 0198 1205 Agriculture **Electrical Conductivity** High 130 Miles 0697 1299 Agriculture **Group A Pesticides** 130 Low Miles 0104 1211 Agriculture Selecium High 50 Miles 0592 1200 Agriculture Medium 130 1211 **Unknown Toxicity** Miles 0198 Source Unknown 524.400 SPRING CREEK R 5 Acid Mine Drainage High 5 Miles 0198 1211 Resource extraction sources are abandoned mines. **Resource Extraction** Cadmium High 5 Miles 1211 0198 Resource extraction sources are abandoned mines. **Resource Extraction** Copper High 5 Miles 0198 1211 Resource extraction sources are abandoned mines. **Resource Extraction** Zinc High 5 Miles 0198 1211 Resource extraction sources are abandoned mines. **Resource Extraction** 1 × x # 10 08 % STANISLAUS RIVER (LOWER) 535.300 R 5 Diazinon High 48 Miles 0198 1205 Agriculture 48 Miles 1211 **Group A Pesticides** Low 0104 Agriculture Unknown Toxicity Medium 48 Miles 0101 1211 Source Unknown STOCKTON DEEP WATER 544.000 5 R CHANNEL Dioxin Medium 2 Miles This listing was made by USEPA. **Point Source** Medium 2 Miles Furans This listing was made by USEPA. **Point Source** 2 PCBs Medium Miles This listing was made by USEPA. **Point Source** 519.210 R STRONG RANCH SLOUGH 5 Medium 5 Miles 1211 0198 Chlorpyrifos Urban Runoff/Storm Sewers \* Comments presented under each pollutant/stressor are not required under Clean 135

Water Act Section 303(d). In a few cases, they provide necessary information.

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DION TYPE NAME	HYDRO UNIT	POLLUTANT/STRESSOF	김희금 않는다. 엄마는 그 그는 것을 잘 못 봐.	PRIORITY	SIZE AFFECTED	UNIT	START DATE	E D
		Diazinon		Medium	5	Miles	0198	12
		The agricultural sourc	e of diazinon for these waterbodies	is from aerial depos	sition.			
			Agriculture					
Constanting on a state of a	i waariyaan		Urban Runoff/Storm Sewers	8.*. vev				
5 R SULFUR CREEK	513.510							
		Mercury Resource extraction of	numer are abandaned miner	High	7	Miles	0198	12
		resource extraction s	sources are abandoned mines.					
an a		and the second and the second second	Resource Extraction	an a tha an		1 1 4 5 5 1		
5 R TEMPLE CREEK	531.400							
		Ammonia	D-11-	Low	10	Miles	0104	1
		Electrical Canductivity	Dairies		40			
		Electrical Conductivity	Dairies	Low	10	Miles	0104	1:
e sonderskelen sonderske a de stalsteren i sjoner om en		in a minimum of the second states of an effective control		Barrel in come		1 K. 1	a e .	
5 R TOWN CREEK	526.200	O destantines						
		Cadmium Resource extraction s	ources are abandoned mines.	Low	1	Miles	0104	1
		Resource extraction s	Resource Extraction					
		Copper		Low	1	Miles	0104	1
		••	ources are abandoned mines.		•	Antos	0104	•
			Resource Extraction					
		Lead		Low	1	Miles	0104	1
		Resource extraction s	ources are abandoned mines.					
			Resource Extraction					
		Zinc Resource extraction s	ources are abandoned mines.	Low	1	Miles	0104	1
		Nesource extraction s	Resource Extraction					
		in the Richard Anna Anna Anna Anna Anna Anna Anna Ann		7 .v : , · ·		-		
5 R TUOLUMNE RIVER (LOWER)	535.500	Diazinan		1. Linda	20		0400	م
		Diazinon	Agriculture	High	32	Miles	0198	1
		Group A Pesticides	Agriculture	Low	32	Miles	0104	1:
			Agriculture	2011		111103	0107	•
		Unknown Toxicity	-	Medium	32	Miles	0101	1:
		-	Source Unknown					
5 R WEST SQUAW CREEK	505.100	n in eilin an an Alagaan (1877) a staar	a na haile na 1910 e 🔹 e 1911 e	$\chi = (1-\varepsilon) + (2^{-1})^{1/2} (M + \xi)^{-1} f^{2}$	114 day 7	100 A ( ) ) +*	n 4 2	
		Cadmium		Medium	2	Miles	0104	1:
			ources are abandoned mines.		_			
			Resource Extraction					
		Copper		Medium	2	Miles	0104	12
		Resource extraction s	ources are abandoned mines.					
			Resource Extraction					
		Lead	ourse on obendered mines	Medium	2	Miles	0104	1:
		Resource extraction s	ources are abandoned mines.					
			Resource Extraction					

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

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REGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	Arrent Par
				Zinc	Medium	2	Miles	0104	1211
			*	Resource extraction sources are abandoned mine	9 <b>5</b> .				
A CONTRACTOR	ettera a minedado	. TO REAL PROPERTY SEE AND		Resource Extraction	nan an		Signation of the subscription over the contract of the	er e m mar officialism commis	uuddeener A
5	R	WILLOW CREEK (WHISKEYTOWN)	524.630						
				Acid Mine Drainage Resource extraction sources are abandoned mine	Low	3	Miles	0104	1211
					75.				
					Low	3	Miles	0104	1211
				Resource extraction sources are abandoned mine		•		0104	
				Resource Extraction					
				Zinc	Low	3	Miles	0104	1211
				Resource extraction sources are abandoned mine	<b>?S</b> .				
	an ann an			Resource Extraction	and a subscription of the second state of the second state of the second second second second second second sec		TAIN 742 MARK TAININ STOR	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DIF MATING MAD
5	W	GRASSLANDS MARSHES	541.200		·				
				Electrical Conductivity	Medium	8224	Acres	0101	1211
				Agriculture Selenium	High	8224	Acres	0592	1298
				Agriculture	1191	0224	ACIES	0352	1250
 E	4966-58 1203 <b>9</b> 8	BRIDGEPORT RES	630.300	LEN MARTEN METERSKAR AMARTEN ETT ETT 14 400 'N MEDIEM I DE TANDEN DE TANDEN DE TANDEN DE TANDEN DE TANDEN DE TA	addalaan ahaan ah	ene 12100-12100-1200	a na san an san sa	- ``~`\$6/\$8, \$25000	•.************************************
0	L	BRIDGEFORT RES	000.000	Nutrients	High	3000	Acres		
				Livestock grazing in wetlands upgradient of reserv years of the TMDL development process, resource	oir. TMDLs to be addressed			e next 13	
				Agriculture					
				Sedimentation/Siltation	High	3000	Acres		
				Watershed disturbance including livestock grazing years of the TMDL development processs, resource		uring years	6-13 of the ne	ext 13	
				Source Unknown					
6	L	CROWLEY LAKE	603.100				an a san ang kanalang kang kang kang kang kang kang kang k	ware is a filling of the state	n ne senten an
				Arsenic	High	5280	Acres		
				To be addressed as part of Watershed Manageme 3-5 of WMI program, if resources permit.	ent Initiative (WMI) for upper	watershed,	beginning wi	th Years	
				S-5 of Will program, if resources permit. Natural Sources					
				Nutrients	High	5280	Acres		
				Source Unknown	•••••				
6 6	**************************************	DONNER LAKE	635.200					*/*****************	<b>CE</b>
	-			Priority Organics	Low	960	Acres		
				PCBs in fish and sediment exceed Maximum Tiss I Truckee River sediment TMDL projected for com determine sources/cleanup potential for priority or	pletion in 1999. Additional m ganics. TMDLs for organics	onitoring/st to be addre	udy necessar	ry to	
				13 of the next 13 years of the TMDL development Source Unknown	process, resources permitti	ng.			
			-country and a country of a country	Source Unknown	nandina mang manggalan ara arawa araa kada kila kati mang kada kati kati kati kati kati kati kati kat		n de la company anno 15 an air an 18 an		and a state of the

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-OICIC	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	EN DA
6	L	EAGLE LAKE (2)	637.300						
				Org. enrichment/Low D.O.	High	25000	Acres		
				Nutrients from wastewater disposal to land, livestock gra					
				addressed through sewering of septic system developme TMDLs to be addressed during years 6-13 of the next 13					
				permitting.	years of the TMD	L development	process, res	ources	
				Range Land					
				Land Development					
				Septage Disposal					
				Nonpoint Source					
6	L	GRANT LAKE	601.000	in the solution of the first solution of the solution for solution of the solution. More the solution for the					
-	-			Arsenic	High	1095	Acres	0198	019
				Targeted for "easy" (already funded) TMDL documentation	-	m natural sour			-
				Natural Sources					
6	L	HAIWEE RES	603.300						
				Copper	Low	1800	Acres		
				Copper problems related to algicide use to prevent taste/ biological monitoring being required. TMDLs to be addres					
					sood daring yours	o- io or the ne.	i io years of		
				TMDL development process, resources permitting.	soca auning years	0-10 01 110 110	to years of		
				TMDL development process, resources permitting. Habitat Modification	jood during yours	or to or the ne.			
				TMDL development process, resources permitting.	soca aumig years	0-13 01 the he.			
6	L	HORSESHOE LAKE (2)	628.000	TMDL development process, resources permitting. Habitat Modification	sou cunny yours				
6	L	HORSESHOE LAKE (2)	628.000	TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation	Low	1	Acres		
6	L	HORSESHOE LAKE (2)	628.000	TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if needed	Low ed to be addresse	1	Acres		
6	L	HORSESHOE LAKE (2)	628.000	TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if need years of the TMDL development process, resources permit	Low ed to be addresse nitting.	1	Acres		
6	L	HORSESHOE LAKE (2)	628.000	TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if needed	Low ed to be addresse nitting.	1	Acres		
6	L	HORSESHOE LAKE (2) INDIAN CREEK RES	628.000 632.200	TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if need years of the TMDL development process, resources permit	Low ed to be addresse nitting.	1	Acres		
6	L			TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if need years of the TMDL development process, resources perm Construction/Land Development	Low ed to be addresse nitting. nt High	1 d during years 160	Acres 6-13 of the n Acres	0198	01
6	L			TMDL development process, resources permitting. Habitat Modification Nonpoint Source Sedimentation/Siltation Further monitoring may permit delisting. TMDLs, if need years of the TMDL development process, resources perm Construction/Land Development	Low ed to be addresse nitting. nt High	1 d during years 160 th Tahoe Publ	Acres 6-13 of the n Acres ic Utility Distri	0198	01

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REGION	түрі	NAME.	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
6	L		634.000						
				Nutrients Watershed disturbance, urban stormwater, atmospheric de TMDLs but ability to complete them depends on availability additional watershed assessment, were funded as a result watershed to be coordinated with Tahoe Regional Planning environmental threshold standards.	of reliable wat of 1997 preside	ershed model. N ential forum; TM	lodel calibra IDLs for entii	tion, and re	·
				Silviculture					
				Construction/Land Development					
				Urban Runoff/Storm Sewers					
				Other Urban Runoff					
				Wastewater					
				Hydromodification					
				Drainage/Filling Of Wetlands					
				Marinas					
				Atmospheric Deposition					
				Highway Maintenance And Runof	ff				
				Nonpoint Source					
				Sedimentation/Siltation Watershed disturbance including logging, construction, urb depends on availability of reliable watershed model. Fundin group model, and for additional watershed assessment, wa TMDLs to be coordinated with Tahoe Regional Planning Ag environmental threshold standards.	ng for final calib is provided as a	ration of U.C. Da a result of 1997 p	avis Tahoe F presidential f	Research	
				Source Unknown					
		PLEASANT VALLEY RES	603.200	、LAN KAYARANANANANANANANANANANANANANANANANANAN		an ann an	ninae nafava satu a esti s		allen of the second section of the second section of the second second second second second second second second
0	Ŀ		000.200	Org. enrichment/Low D.O. Problems related to watershed disturbance/reservoir manager Crowley Lake as part of the Watershed Management Initiat next 13 years of the TMDL development process, if resource	tive; TMDLs to				
				Flow Regulation/Modification					
				Nonpoint Source					
6	L	STAMPEDE RES	636.000				anna an Anna an Anna an Anna Anna Anna		er: kysistäänäänä siivattiijie
-	-	· · ·		Pesticides Sources unknown; no significant agriculture or residential d loading probably low. Recalculation of Maximum Tissue Re cycle. TMDLs, if needed, will be addressed during years 6- process.	sidue Level cri	teria makes delis	sting possible	e in next	
				Source Unknown	•				

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b       L       INCEMARA RES       00.100       Arrenic       Low       180       Acres         TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.       Natural Sources       Natural Sources         Vatershot disturbance, upstream impoundment       Nonpoint Source       180       Acres         6       L       TOPAZ LAKE       631.100       Addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.         6       L       TOPAZ LAKE       631.100       Acres         8       Acres       Agricultura, rice channel damage during years 6-13 of the next 13 years of the TMDL development process, resources permitting.         8       L       TOPAZ LAKE       631.100         8       Sedimentation/Siltation       High       2300         Acres       Agriculture re       Nonpoint Source       140         6       L       TWIN LAKES       603.100       Nutrients       Low       3       Acres         8       R       AmaRGOSA RIVER       699.000       Salinity/TOS(Chonides       Medium       198       Medium       198       Miles       0198       Section       0         104/106 grant funds       Salinity/TOS(Chonides       Salinity/TOS(Chonides	GION TYPE	NAME TINEMAHA RES	UNIT 603.200	POLLUTANT/STRESSOR* SOURCE	PRIORITY	AFFECTED	UNIT	
TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.       Natural Sources         Watural Source       Upstream impoundment Nonpoint Source       Low 180 Acres         Watershed disturbance, updramm geothermal sources of arsenic. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.       Source of the TMDL development process, resources permitting.         Source Information       Source Information       High 2300 Acres         Apriculture, river channel during years of 180 TMDL to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.       Apriculture         Nonpoint Source       SedimentationSilitation       High 2300 Acres         Apriculture       Nonpoint Source       Not addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.         Apriculture       Nonpoint Source       Source Introduction       Nonpoint Source         6       L       TMIN LAKES       603.100       Nutrients       Low 3 Acres         Watershed disturbance, urban runoff: to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit       Land Development Other Urban Runoff         Salinity/TDS/Chlorides       Medium 198 Miles 0198 Section 104/106 grant funds       Natural Sources         6       R       ASPEN CREEK       532100	0 L	INEMARA RES	003.200	Arsenic	Low	180	Acres	
Natural Sources Upstraam impoundment Nonpoint Source       Low       180       Acres         Watershed disturbance. upstream geothermal sources of arsenic. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Source Unknown       Source Unknown         6       L       TOPAZ LAKE       \$\$1100       Sedimentation/Silitation Agriculture, river channel during January 1927 flood. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Agriculture       Nonpoint Source         6       L       TWIN LAKES       \$\$3100       Nutrients       Low       3       Acres         8       R       AMARGOSA RIVER       \$\$03.000       Nutrients       Low       3       Acres         8       R       AMARGOSA RIVER       \$\$09.000       Salinity/TDS/Choindes       Medium       188       Miles       0188       0         6       R       ASPEN CREEK       \$\$2100       Natural Sources       Medium       188       Miles       0188       0         6       R       ASPEN CREEK       \$\$2100       Natural Sources       Medium       188       Miles       0188       0         6       R       ASPEN CREEK       \$\$2100       Metals       Acid drainage from Leviathan Mine; Labontan RWQCB mine workplan to be doc				TMDLs to be addressed during years 6-13 of the next 13 years				rces
Nonpoint Source         Metals       Low       10       Acres         Witershed disturbance. upstream geothemet process, resources permitting.       Source Unknown       Source Unknown         6       L       TOPAZ LAKE       631.100       Sedimentation/Sitation       High       2300       Acres         8       L       TWIN LAKES       603.100       Nutrients       Low       3       Acres         6       L       TWIN LAKES       603.100       Nutrients       Low       3       Acres         6       R       AMARGOSA RIVER       603.000       Nutrients       Low       3       Acres         6       R       AMARGOSA RIVER       609.000       Salinity/TDS/Chlorides       Medium       10       Acres       Miles       018       Control         6       R       AMARGOSA RIVER       609.000       Salinity/TDS/Chlorides       Medium       18       Miles       018       0         8       R       ASPEN CREEK       632.100       Natural Sources       Medium       198       Miles       018       0.018       0         99.000       Salinity/TDS/Chlorides       Medium       198       Miles       018       0.018       0								
Metals     Low     160     Acres       Watershed disturbance, upstream geothermal sources of arsenic. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.     Source Unknown       6     L     TOPAZ LAKE     631.100     SedimentationSiliation     High     2300     Acres       8     L     TOPAZ LAKE     631.100     SedimentationSiliation     High     2300     Acres       8     L     TOPAZ LAKE     631.100     SedimentationSiliation     High     2300     Acres       8     L     TONN LAKES     603.100     Nutrients     Low     3     Acres       8     L     TMIN LAKES     603.00     Nutrients     Low     3     Acres       8     R     AMARGOSA RIVER     605.000     Salinity/TDS/Chlorides     Medium     198     Miles     0198     O       8     R     ASPEN CREEK     632.100     Metals     Hatural Sources       8     R     ASPEN CREEK     632.100     Metals     Matural Sources       9     Add trainage from Levialhan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMOL using 1998 Section 104/106 grant funds.     High     4     Miles     0198     O       9     Acid drainage from Levialhan Mine; Lahontan RWQCB mine wor				Upstream Impoundment				
8       L       TOPAZ LAKE       \$31.00         8       L       TOPAZ LAKE       \$31.00         Sedimentation/Sillation       High       2300       Acres         Agriculture, river channel damage during january 1997 flood. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.       Agriculture flood. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.         6       L       TWIN LAKES       603.100         Nutrients       Low       3       Acres         Watershed disturbance, urban runoff, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permiting.       Agriculture flood         Vealershed disturbance, urban runoff, to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit.       Land Development.         Other Urban Runoff       Nonpoint Source       6       R       AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       104/106 grant funds       104/106 grant funds       118         6       R       ASPEN CREEK       632.100       Natural Sources       Natural Sources				Nonpoint Source				
Source Unknown         6       L       TOPAZ LAKE       631.100         8       L       TOPAZ LAKE       631.100         8       L       TOPAZ LAKE       631.100         9       Agriculture, river channel damage during January 1997 flood. TMDL is to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Agriculture Nonpoint Source         6       L       TWIN LAKES       603.100         Nutrients       Low       3         Acres       Watershed disturbance, urban runoff, to be addressed during years 6-13 of the next 13 years of the TMDL development process, if assurces permit.         Clamber Development       Other Urban Runoff         Other Urban Runoff       Nonpoint Source         6       R       AMARGOSA RIVER         609.000       Salinity/TDS/Chlorides       Medium       198       Miles       0198         Natural Sources       Natural Sources       Natural Sources       0       Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section       0         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       Acid Mine Drainage Natural Sources       Acid Mine Drainage Natural Sources				Watershed disturbance, upstream geothermal sources of a	rsenic. TMDLs	to be addresse		5-13
6       L       TOPAZ LAKE       631.100       Sedimentation/Siltation       High 2300 Acres         Adjoiculture, river channel damage during January 1997 flood. TMDL 5 to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Agriculture Nonpoint Source       Agriculture         8       L       TWIN LAKES       603.100       Nutrients       Low 3       Acres         Watershed disturbance, urban runoff. to be addressed during years 6-13 of the next 13 years of the TMDL development Other Urban Runoff       Nonpoint Source       6       R       AMARGOSA RIVER       609.000       Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         6       R       ASPEN CREEK       632.100       Natural Sources       6       R       ASPEN CREEK       632.100         Natural Sources         6       R       ASPEN CREEK       632.100						19.		
Sedimentation/Sittation       High 2300 Acres Agriculture, river channel damage during January 1997 flood. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Agriculture         6       L       TWIN LAKES       603.100         6       L       TWIN LAKES       603.100         Low 3 Acres Watershed disturbance, urban runoff; to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit. Land Development Other Urban Runoff         6       R       AMARGOSA RIVER       609.000         5       R       AMARGOSA RIVER       609.000         Satinity/TDS/Chlorides Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds       0         Natural Sources         6       R       ASPEN CREEK       632.100         Natural Sources         Acid Mine Drainage Natural Sources         Acid Mine Drainage Natural Sources         Acid Mine Drainage Natural Sources         Acid Mine Drainage Natural Sources			CO4 400	an a	the second contract of			
Agriculture, Iver channel damage during January 1997 flood. TMCLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.         Agriculture Nonpoint Source         6       L         7       TWIN LAKES         603.100       Nutrients         Low       3         Acres         Watershed disturbance, urban runoff: to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit.         Land Development         Other Urban Runoff         Noppoint Source         5       R         AMARGOSA RIVER       609.000         Salinity/TDS/Choirdes       Medium         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds         Natural Sources         8       R         8       R         ASPEN CREEK       632.100         Metals       High         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.         Acid Mine Drainage         Acid Mine Drainage         Nonpoint Source	6 L	TOPAZ LAKE	631.100	On dimension (Cildadian	Lliab	2200		
S       L       TWIN LAKES       603.100       Nutrients       Low       3       Acres         %       Watershed disturbance, urban runoff; to be addressed during years 6-13 of the next 13 years of the TMDL. development process, if resources permit.       Land Development       Other Urban Runoff       Nonpoint Source         6       R       AMARGOSA RIVER       609.000       Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       0         104/106 grant funds       Natural Sources       6       R       ASPEN CREEK       632.100       Metals       High       4       Miles       0198       0         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       Acid Mine Drainage       Natural Sources       Natural Sources				Agriculture, river channel damage during January 1997 floc	d. TMDLs to be			of the
6       L       TMIN LAKES       603.100         Nutrients       Low       3       Acres         Watershed disturbance, urban runoff, to be addressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit.       Land Development         Cher Urban Runoff       Nonpoint Source       Medium       198         6       R       AMARGOSA RIVER       609.000       Satinity/TDS/Chlorides       Medium       198       Miles       0198       0         5       R       AMARGOSA RIVER       609.000       Satinity/TDS/Chlorides       Medium       198       Miles       0198       0         Satinity/TDS/Chlorides       Medium       198       Miles       0198       0         Natural Sources       Natural Sources       Natural Sources       6       R       ASPEN CREEK       632.100       Metals       High       4       Miles       0198       0         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       Acid Mine Drainage       Natural Sources       Natural Sources         Acid Mine Drainage Natural Sources       Nonpoint Source       Nonpoint Source       Nonpoint Source       Nonpoint Source				Nonpoint Source				
Nutrients       Low       3       Acres         Watershed disturbance, urban runoff; to eaddressed during years 6-13 of the next 13 years of the TMDL development process, if resources permit.       Land Development         Other Urban Runoff       Nonpoint Source         6       R       AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       104/106 grant funds       0         6       R       ASPEN CREEK       632.100       Metals       High       4       Miles       0198       0         Acid drainage from Leviathan Mine; Labontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section       0       Acid Mine Drainage       Natural Sources       0         Acid Mine Drainage       Natural Sources       Acid Mine Drainage       Natural Sources       0	6 I		603 100	്ക്ക് പ്രംപം പ്രംപം പ്രംപം മുത്തും പ്രംഗം പ്രംഗ്യാം പ്രംഗം പ്രംഗം പ്രംഗം പ്രംഗം പ്രംഗം പ്രംഗം പ്രംഗം പ്രംഗം പ്	. iskarden ( k.a.)	··· · · · · · · · · · · · · · · · · ·		· .
Watershed disturbance, urban runoff; to be addressed during years 6-13 of the next 13 years of the TMDL development process; if resources permit.         Land Development Other Urban Runoff         Nonpoint Source         6       R         AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides       Medium         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       0         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       0         Natural Sources       6       R         6       R       ASPEN CREEK       632.100         Metals       High       4       Miles       0198         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       0         Acid Mine Drainage       Natural Sources       Natural Sources	J L.		555.100	Nutrients	Low	3	Acres	
Other Urban Runoff Nonpoint Source         6       R       AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         Intervention and provided in the second				Watershed disturbance, urban runoff; to be addressed duri		-		_
6       R       AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds       Medium       198       Miles       0198       01         6       R       ASPEN CREEK       632.100       Natural Sources       Natural Sources       Metals       High       4       Miles       0198       01         6       R       ASPEN CREEK       632.100       Metals       High       4       Miles       0198       01         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       Acid Mine Drainage Natural Sources       Acid Mine Drainage Natural Sources       Acid Mine Drainage				Land Development				
6       R       AMARGOSA RIVER       609.000         Salinity/TDS/Chlorides       Medium       198       Miles       0198       0         Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section       0       104/106 grant funds         Natural Sources       Natural Sources       6       R       ASPEN CREEK       632.100         Metals       High       4       Miles       0198       0         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.       Acid Mine Drainage       Natural Sources         Acid Mine Drainage       Natural Sources       Natural Sources       Natural Sources				Other Urban Runoff				
Satinity/TDS/Chlorides     Medium     198     Miles     0198     0198       Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds     Natural Sources       Katural Sources     Natural Sources       6     R     ASPEN CREEK     632.100       Metals     High     4     Miles     0198     0       Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.     Acid Mine Drainage       Natural Sources     Natural Sources			r	Nonpoint Source	·			
Internally drained river with natural high salinity; targeted for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds         Natural Sources         6       R ASPEN CREEK         632.100       Metals         Metals       High         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds.         Acid Mine Drainage         Natural Sources         Natural Sources	6 R	AMARGOSA RIVER	609.000	, All Manual and a second s				
6 R ASPEN CREEK 632.100 Metals High 4 Miles 0198 0 Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds. Acid Mine Drainage Natural Sources Nonpoint Source				Internally drained river with natural high salinity; targeted for				
Metals       High       4       Miles       0198       01         Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL       using 1998 Section 104/106 grant funds.         Acid Mine Drainage       Acid Mine Drainage         Natural Sources       Nonpoint Source	. °C '10 005,000000 '10 °C f	1. 18. 1982 - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1.000 Japan - Janua P		. 39 · 2 2 4 4 6 6 6 9 9 9	·	ta ta nate ite	· • • • • •
Acid drainage from Leviathan Mine; Lahontan RWQCB mine workplan to be documented as Phase I TMDL using 1998 Section 104/106 grant funds. Acid Mine Drainage Natural Sources Nonpoint Source	6 R	ASPEN CREEK	632.100					
Natural Sources Nonpoint Source				Acid drainage from Leviathan Mine; Lahontan RWQCB mir		<b>4</b> e documented		
Natural Sources Nonpoint Source				Acid Nine Drainage				
Nonpoint Source								
	ana an e i na analasian ini i ni i	n an	ingandidu seyadetti. Li - D''		1. 165 - 169 M 2. 199 States (1999)	en land the quickerst	and the development of the second states and the	a Maria Al Internet in the second

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~	TYPE	AURORA CANYON CREEK	630.300	POLLUTANT/STRESSOR* SOURCE PRIORITY AFFECTED UNIT DATE D	
6	R	AURORA CANTON CREEK	630.300	Habitat alterations         Low         13         Miles           Livestock grazing. Listed on basis of limited data; further monitoring may permit delisting.         TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.           Range Land         Range	
6	R	BEAR CREEK (R6)	635.200		Petro and
				Sedimentation/Siltation         High         4         Miles         1195         0           Creek affected by hydrologic modification for ski resort/snow making pond-affected by sediment from pond dam break. Phase I sediment TMDL for Truckee River and tributaries projected to be completed for Basin Plan amendments in 1999, using 1998 Section 104/106 grant funds; Phase II work has received Section 205(j) funding and will begin in 1998.	019
				Hydromodification	
		na na mana na m		Nonpoint Source	
6	R	BLACKWOOD CREEK	634.200		
				Sedimentation/Siltation         High         8         Miles         0198         0"           Creek affected by past gravel quarry operations and other watershed disturbance. Existing USFS restoration program to be documented as phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.         0"	019
				Silviculture	
				Construction/Land Development	
				Resource Extraction Hydromodification	
				Nonpoint Source	
-	<b></b>	BODIE CREEK	630.200		394×27
0	R		030.200	Metals         High         6         Miles           Affected by drainage from inactive mines, mine tailings in creek. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.	
				Resource Extraction	
				Mine Tailings	
owith <b>ere.</b> Inv	aqualanan su d	ſġĸĸĸĊġĊŎĿĸĊĸĊĸĊĸĊġĊĬĊĊĊĊĸĊĸŎġĊĬĊĊĊŎĬŎŎĬŎŎŎŎŎŎŎŎŎŎ			an water
6	R	BRONCO CREEK	635.200	Sedimentation/Siltation       High       1       Miles       1195       0'         Watershed disturbance in naturally highly erosive watershed; targeted for sediment TMDL as part of larger       Truckee River watershed effort. Phase I TMDL to be completed in 1999 using 1998 Section 104/106 grant       funds; Phase II, using Section 205j funds, to begin in 1998.	0199
				Natural Sources	
				Nonpoint Source	
6	R	BRYANT CREEK	632.100		98077.500
0	ĸ	BRIANI GREEK		Metals         High         10         Miles         0198         01           Affected by acid mine drainage from Leviathan Mine.         Problem being addressed by RWQCB through Leviathan         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01         01	)19
				Acid Mine Drainage	
				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.

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6 R CLEARWATER CREEK 630.300 6 R CLEARWATER CREEK 630.400 6 R COTTONWOOD CREEK (1) 603.300 6 R COTTONWOOD CREEK (2) 603.400 6 R EAST WALKER RIVER 630.000 Metals Inactive mines and other watershed Inactive mines and Inactive mines and Inactive mines and Inactive mines and Inactive mines and Inacti	Medium 5 Miles very limited information. CRMP has been implemented since 1980s; ng. TMDLs, if needed, to be addressed during years 6-13 of the next 13
Range Lance         6       R       CLARK CANYON CREEK       630.300         6       R       CLARK CANYON CREEK       630.300         Habitat alterations       Livestock grazing. Listed on basis of further monitoring may support delisy years of the TMDL development program of the transmitting. Listed on basis of needed, to be addressed during year permitting.         6       R       COTTONWOOD CREEK (1)       603.300         6       R       COTTONWOOD CREEK (1)       603.300         6       R       EAST WALKER RIVER       630.000         6       R       EAST WALKER RIVER       630.000         6       R       EAST WALKER RIVER       630.000	Medium 5 Miles very limited information. CRMP has been implemented since 1980s; ng. TMDLs, if needed, to be addressed during years 6-13 of the next 13
Sompoint S         6       R       CLARK CANYON CREEK       630.300         Habitat alterations       Livestock grazing. Listed on basis of further monitoring may support delisy years of the TMDL development processor of the transformation of the next 13 years of the TMDL development processor of the transformation of	Medium         5         Miles           very limited information.         CRMP has been implemented since 1980s;           ng.         TMDLs, if needed, to be addressed during years 6-13 of the next 13
<ul> <li>Habitat alterations         Livestock grazing. Listed on basis of         further monitoring may support delia         years of the TMDL development pro             Range Lance         </li> <li>R CLEARWATER CREEK 630.400         </li> <li>Sedimentation/Siltation         Livestock grazing. Listed on basis of         needed, to be addressed during yea         permitting.             Range Lance         </li> <li>R COTTONWOOD CREEK (1)         </li> <li>6 R COTTONWOOD CREEK (1)         </li> <li>603.300         <ul> <li>Water/Flow Variability             Lower reach of creek affected by di             the next 13 years of the TMDL deve             Flow Regul         </li> </ul> </li> <li>6 R EAST WALKER RIVER         <ul> <li>630.000</li> <li>Metals             Inactive mines and other watershed             levels; needs further monitoring for             TMDLs, if needed, will be addressee             Range Lance             Other Urbai         </li></ul> </li> </ul>	very limited information. CRMP has been implemented since 1980s; ng. TMDLs, if needed, to be addressed during years 6-13 of the next 13
<ul> <li>Habitat alterations         Livestock grazing. Listed on basis of         further monitoring may support delia         years of the TMDL development pro             Range Lance         </li> <li>R CLEARWATER CREEK 630.400         </li> <li>Sedimentation/Siltation         Livestock grazing. Listed on basis of         needed, to be addressed during yea         permitting.             Range Lance         </li> <li>R COTTONWOOD CREEK (1)         </li> <li>6 R COTTONWOOD CREEK (1)         </li> <li>603.300         <ul> <li>Water/Flow Variability             Lower reach of creek affected by di             the next 13 years of the TMDL deve             Flow Regul         </li> </ul> </li> <li>6 R EAST WALKER RIVER         <ul> <li>630.000</li> <li>Metals             Inactive mines and other watershed             levels; needs further monitoring for             TMDLs, if needed, will be addressee             Range Lance             Other Urbai         </li></ul> </li> </ul>	very limited information. CRMP has been implemented since 1980s; ng. TMDLs, if needed, to be addressed during years 6-13 of the next 13
6       R       CLEARWATER CREEK       630.400         Sedimentation/Siltation       Livestock grazing. Listed on basis of needed, to be addressed during year permitting.         Range Land       Range Land         6       R       COTTONWOOD CREEK (1)       603.300         Water/Flow Variability       Lower reach of creek affected by dir the next 13 years of the TMDL dever         6       R       EAST WALKER RIVER       630.000         6       R       EAST WALKER RIVER       630.000	ess, resources permitting.
Sedimentation/Siltation Livestock grazing. Listed on basis of needed, to be addressed during year permitting. Range Land 6 R COTTONWOOD CREEK (1) 603.300 Water/Flow Variability Lower reach of creek affected by di the next 13 years of the TMDL deve Flow Regul 6 R EAST WALKER RIVER 630.000 Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addressee Range Land Other Urban	
Livestock grazing. Listed on basis of needed, to be addressed during year permitting. Range Land 6 R COTTONWOOD CREEK (1) 603.300 Water/Flow Variability Lower reach of creek affected by di the next 13 years of the TMDL deve Flow Regul 6 R EAST WALKER RIVER 630.000 Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addresse Range Land Other Urban	an 'n âr 'n contration been noorden ander an 1990. 'n nast oort an 'n fer an 'n fer an te staat onder in die in An 'n âr yn ar de an te staat onder de an te staat o
6       R       COTTONWOOD CREEK (1)       603.300         Water/Flow Variability       Lower reach of creek affected by di         Lower reach of creek affected by di       the next 13 years of the TMDL deve         Flow Regul       6       R       EAST WALKER RIVER       630.000         Metals       Inactive mines and other watershed       levels; needs further monitoring for TMDLs, if needed, will be addressee         Range Land       Other Urbar	<b>Medium 7 Miles</b> limited data; additional monitoring may support delisting. TMDLs, if s 6-13 of the next 13 years of the TMDL development process, resources
Water/Flow Variability         Lower reach of creek affected by di         the next 13 years of the TMDL deve         Flow Regul         6       R         EAST WALKER RIVER       630.000         Metals         Inactive mines and other watershed         levels; needs further monitoring for         TMDLs, if needed, will be addresse         Range Land         Other Urban	
Lower reach of creek affected by di the next 13 years of the TMDL deve Flow Regul 6 R EAST WALKER RIVER 630.000 Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addresse Range Land Other Urban	na z v set na przyska to s v się
Flow Regul 6 R EAST WALKER RIVER 630.000 Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addresse Range Land Other Urban	High 7 Miles ersions for LADWP system; TMDLs to be addressed during years 6-13 of exprment process, resources permitting.
Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addresse Range Land Other Urba	ion/Modification
Metals Inactive mines and other watershed levels; needs further monitoring for TMDLs, if needed, will be addresse Range Land Other Urba	್ರಾಲ್ ಆ ಫಿಲ್ಲಾ ಹೋಗ್ರಾಂಥಕ್ರೆ ನಿರ್ಧಿ ಕ್ರಮ್ಮ ಹೇಳಿದ ಆರ್ಟ್ನ್ನಿ ನಿನ್ನಗಳು ನಿರ್ದಾರ್ಶನ ನಿರ್ದೇಶದ ವಿಶ್ವದ ವಿಶ್ವದ ವಿಶ್ವದ ಸಂಪ ವಿಶ್ವದ
Range Land Other Urba	Medium         8         Miles           listurbance; highway runoff.         Listed initially due to elevated fish tissue           etals impacts and may be considered for delisting for metals in next cycle.           during years 6-13 of the next 13 years of the TMDL development process.
Resource E	Runoff
Natural Sou	
Nonpoint S	Irce
Sedimentation/Siltation River affected by turbid releases fro State Department of Fish and Game TMDLs, if needed, to be addressed resources permitting.	High 8 Miles

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

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summerid based of the safe the	TYPE	E NAME	HYDRO UNIT	POLLUTANT/STRESSOR* SOURCE PRIORITY AFFECTED UNIT DATE	END
6	R	GOODALE CREEK	603.300		
				Sedimentation/Siltation Low 9 Miles Potential for delisting following further monitoring. TMDLs, if needed, to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting. Range Land	
6	R	GRAY CREEK (R6)	635.000		
0	ĸ		000.000	Sedimentation/Siltation High 4 Miles 1195 Disturbance of naturally highly erosive watershed; Phase I of the TMDL in progress, to be completed as Basin Plan amendment using 1998 Section 104/106 grant funds. Section 205(j) funding has been obtained for monitoring to begin in 1998 for use in Phase II of the TMDL.	0199
				Naturai Sources	
			an a	Nonpoint Source	
6	R	GREEN CREEK	630.400		
				Habitat alterations         Medium         1         Miles           Creek affected by hydroelectric dam construction, livestock grazing.         TMDLs to be addressed during years 6-13           of the next 13 years of the TMDL development process.	
				Range Land	
Provident Amore	nan mara borner		e 1931 - Andrew Charles	Hydromodification	
6	R	GREEN VALLEY LAKE CREEK	628.200		-1-5-700 Mark 6-6-1
				Priority Organics Low 5 Miles Priority organics (source unknown) were detected in stream in 1980's; no monitoring since. Stream needs reevaluation to determine need for listing. TMDLs, if needed, to be addressed during years 6-13 of the next 13	
				years of the TMDL development process, resources permitting.	
				years of the TMDL development process, resources permitting. Source Unknown	
6	R	HEAVENLY VALLEY CREEK	634.100		ilan (Turin MC)
6	R	HEAVENLY VALLEY CREEK	634.100		0199
6	R	HEAVENLY VALLEY CREEK	634.100	Source Unknown           Sedimentation/Siltation         High         4         Miles         0198           Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional	0199
6	R	HEAVENLY VALLEY CREEK	634.100	Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development	0199
6	R	HEAVENLY VALLEY CREEK	634.100	Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development         Hydromodification	0199
6	R	HEAVENLY VALLEY CREEK	634.100	Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development         Hydromodification         Habitat Modification	0199
6	R	HEAVENLY VALLEY CREEK	634.100	Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development         Hydromodification         Habitat Modification         Recreational Activities	0199
6				Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development         Hydromodification         Habitat Modification	0199
ета: Отоли али (то со	R	HEAVENLY VALLEY CREEK HOT CREEK (1)	634.100 631.400	Source Unknown         Sedimentation/Siltation       High       4       Miles       0198         Creek affected by ski resort construction and maintenance activities. Recently adopted resort master plan will phase future development based on accomplishment of watershed restoration projects. Master Plan currently scheduled to be documented as Phase I "easy" (already funded) TMDL using 1998 Section 104/106 grant funds. (Needs further discussion with USFS staff; recent monitoring data indicate possible need for additional sediment modeling.)         Construction/Land Development         Land Development         Hydromodification         Habitat Modification         Recreational Activities	0199 0199

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

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6	R	HOT CREEK (2)	603.100	Metals	High	10	Miles	0198	019
		•		Natural geothermal springs. Targeted for "easy" (a Natural Sources	Iready funded) TMDL using	g Section 10	4/106 grant fund	ds.	
6	R	HOT SPRINGS CANYON CREEK	630.300	் பாட்டிரி பிரையால் பிரியாக குகிய கில இதுகும் இதுகும் குறையுக்கு பான் பிரும்புக்கு குறையாக கிலக்கு கிலை கில நான் பிரியாக பிரியாக கில கில கில கில கில கில கில கில கில கி	· · · · · · · · · · · · · · · · · · ·			The second of	1 1/2 1/2
				Sedimentation/Siltation Listed on basis of limited data; further monitoring n	, II.	<b>1</b> Ls, if neede	Miles d, to be address	sed	
				during years 6-13 of the next 13 years of the TMDI Range Land	L development process.				
6	R	INDIAN CREEK (1)	632.200	സം പായാള് മേഖ്യാണം വിതിലംഗവും ഉപാം പ്രൈയില് പ്രാവം പ്രൈയില് പ്രേഷ്ണത്. സംസ്താരങ്ങള് മേഖ്യാണം വിതിലംഗ് പറ്റെ പ്രോഗം പ്രേഷ്ണയ്യായും മാത്രമുള്ളുള്ളുള്ളുള്ളുള്ളുള്ളുള്ളുള്ളും തിര്യം പ്ര	, al allowed to the state all the second states and	· . ·	1 323 8 1 7	3	× ·
				Habitat alterations Watershed disturbance from livestock grazing. TM implementation.	High IDLs to be addressed as p	7 art of Carso	Miles n River WMI		
				Pasture Land	anter an Mara at the operation of the		.e., yan debu		~
6	R	LASSEN CREEK	637.000	νομικαι το φοροματισθηθη ποδολογολογολογιατικό το του μαρισσφορογραφιστικής το του για το του το το του το το Η που το πορογραφισμού το πολογολογιατικό το το του του του πορογραφισμού ματικό το το του για το το το το πορογ	20136.20 - 20 <b>4 86</b> 199 - 203369 - 20				
				Flow alterations Agricultural diversions. TMDL to be addressed due	Medium ring years 6-13 of the next	6 13 years of	Miles the TMDL		
				development process, as resources permit. Flow Regulation/Modifica	ntion				
6	R	LEE VINING CREEK	601.000	يې د يې کې د کې د کې د کې د کې د کې د د د د د	an Mula in Alexandra Superation in Alexandra		ų <sup>1</sup> .		
				Flow alterations Affected by diversions by Los Angeles Dept. of Wa underway; will probably be documented as Phase years of TMDL implementation, resources permitti	l "easy" (already funded) T ing.			ə 13	
_		a na kana a sana ana ana ana ana ana ana ana a			NTION *AT - Now - Northern Constantion of the State of the State - State of the State	• •		·· ·	, .
0	R	LEVIATHAN CREEK	632.100	Metals	High	2	Miles	0198	01
				Lower reach of creek affected by acid drainage fro. as part of ongoing pollution abatement project. Laf "easy" (already funded) TMDL using 1998 Section	hontan RWQCB workplan				
, e tex		rannagan annagan anna an - conntre ('an 18-an 110000000 − − 5 chinnin).	P TO CONTRACTOR		s on a serie of the second station of the			sheet t	
6	R	LITTLE HOT CREEK	603.100	America	Medium	4	Miles	0198	12
				Arsenic Natural (geothermal?) sources: targeted for "easy" funds.		sing 1998 S			12
				Natural Sources					
6	R		603.100		en en change and a			· · · · · · ·	
				Metals Mammoth Creek is the headwaters of Hot Creek (2 Mammoth Lakes as well as natural sources of met through the RWQCB's ongoing regulation and enfo	tals. Urban runoff problems	s at Mammo			
				Natural Sources					
The New York Jac of	•	and marked in which international to the state we wanted by the set of the set of the set of the set of the set	a sa jiray mwake a		and a second second		s a an a chairte an a	s. · · · · · · · · · · · · · · · · · · ·	

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	TYPE			POLLUTANT/STRESSOR* SOURCE PRIORITY AFFECTED UNIT DATE DA
6	R	MILL CREEK (1)	601.000	Flow alterations High 7 Miles Creek affected by water diversions. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.
-	taganasa sa ca	a provinske po na verske ander ander ander ander som statisticke som statisticke som som som som som som som so	a an	
6	R	MILL CREEK (3)	<del>6</del> 41.300	
				Sedimentation/Siltation Medium 6 Miles Livestock grazing. TMDL to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.
				Range Land
6	R	MOJAVE RIVER	628.200	
				Priority Organics         High         10         Miles           River was 303(d) listed in 1980's due to subsurface "Barstow slug" of toxic pollutants from various urban/industrial sources; later monitoring shows main "slug" has dissipated but some areas of pollution remain. River is currently a WMI priority watershed with emphasis on revision of TDS/salinity objectives. TMDLs for "mini-slug" pollutants to be addressed, if necessary, during years 6-13 of the next 13 years of the TMDL development process, resources permitting.
				Land Disposal
				Hazardous Waste
6	R	MONITOR CREEK	632.100	
				Metals High 4 Miles
				Drainage from inactive mines; other watershed disturbance. Problems to be addressed as part of Carson River WMI effort during years 3-5 of the next 13 years of TMDL development.
				Resource Extraction
				Natural Sources
				Nonpoint Source
6	R	OWENS RIVER	603.300	
				Arsenic High 120 Miles
				Arsenic from natural geothermal sources; amounts affected by reservoir management. TMDLs for Long HA (603.10) to be addressed during years 3-5 of the next 13 years of the TMDL development process, as part of WMI, if resources permit. TMDLs for Upper and Middle Owens HAs (603.20 and 603.30) to be addressed during years 6-13 if resources permit.
				Natural Sources
				Habitat alterations         High         120         Miles           TMDLs for Long HA (630.10) to be addressed in years 3-5 of the next 13 years of the TMDL development         process as part of the WMI, resources permitting.         TMDLs for Upper and Middle Owens HA's to be addressed           during years 6-13 of the next 13 years of TMDL development, resources permitting.         TMDLs for Upper and Middle Owens HA's to be addressed
				Flow Regulation/Modification
6	R	PINE CREEK (2)	637.300	
				Sedimentation/Siltation High 24 Miles 0198 019 Livestock grazing; other watershed disturbance. Watershed/fisheries restoration by existing CRMP group to be documented as "easy"(already funded) TMDL, or as basis for delisting, using 1998 Section 104/106 grant funds.
				Range Land
				Nonpoint Source

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6	N TYPE	ROUGH CREEK	UNIT	POLLUTANT/STRESSOR* SOURCE	PRIORITY	AFFECTED	UNIT	DATE
0	n	ROUGHCREEN	030.000	Habitat alterations	Medium	8	Miles	
				Livestock grazing impacts. Additional monitoring may p		-		o be
				addressed during years 6-13 of the next 13 years of the	TMDL development	process, res	ources permittin	g.
				Range Land				
6	R	SKEDADDLE CREEK	637.100	an "en un reine , en noron un destre a de la mande de la mande de la mande de la mande de la marte de la reine La mande de la m	22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		an an a three marget of .	i. 50 · · · · · ·
				High Coliform Count	Low	5	Miles	
				Livestock grazing on BLM land led to reports of high col Further monitoring may support delisting. TMDLs, if new 13 years of the TMDL development process, resources	eded, will be address			
				Range Land				
6	. • • . * P	SNOW CREEK	634.200	the second state of the second state of the second	, is a suggestion of a	· • .		1-17 No.
U	Ņ	SHOW CREEK	004.200	Habitat alterations	High	1	Miles	
				Land Development		•	innes	
				Drainage/Filling Of Wetlands				
				Nonpoint Source				
 6	. ч. н. н <b>R</b>	SQUAW CREEK	635.200	n te en	<ul> <li>Source and the second se</li></ul>	· ·	and the second	$(e, \delta_{1}) = e^{-i \phi_{1}} + e^{-i \phi_{2}}$
0	n	SQUAT CREEK	033.200	Sedimentation/Siltation	High	8	Miles	1195 01
				Olympics; part of creek was channelized. Lower creek h watershed damage occurred from January 1997 floodin Section 104/106 grant funds; Phase II to begin in 1998	g. Phase I sediment	TMDL to be a		
				Construction/Land Developme	ent			
				Other Urban Runoff				
				Hydromodification				
				Drainage/Filling Of Wetlands				
				Highway Maintenance And Ru	nott			
				Natural Sources Recreational Activities				
~. * *		an an international and an international contraction of the state of the state of the state of the state of the	es apresidente construites y construites and a source		2 12 24000 00007.1 1 +	,	an an the same second as	, strathern i t
6	<b>R</b>	<ul> <li>SUSAN RIVER</li> </ul>	637.200	പ്പെട്ടുമായം പ്രത്തേഷം അതിയെ നേര്ട്ടുണ്ട്.ഇത്തെ നിന്നും പ്രത്തിന്റെ പ്രത്തിന്റെ പ്രത്തിന് പ്രത്തിന്റെ പ്രത്തിന്	2 - La Judgado 1972277. La La		ta anna anna anna anna anna anna anna a	, stiggen i s
6	<b>R</b>	SUSSERVER SUSSERVER	99.9448.0449.051, 491.4688884 3446 637.200	Unknown Toxicity River affected by natural and man-made geothermal dis addressed during years 6-13 of the next 13 years of the				
6	R	5. SULTUMERSED BUILDER IN CONTRACTOR OF SUCCESSION (2015)		Unknown Toxicity River affected by natural and man-made geothermal dis	charges and by agric	ultural drain.	age. TMDLs to t	
6	R	<ul> <li>Statistication entropy because of the control where a distribution of the statistical agent. 2013</li> <li>SUSAN RIVER</li> </ul>	-:?************************************	Unknown Toxicity River affected by natural and man-made geothermal dis addressed during years 6-13 of the next 13 years of the	charges and by agric	ultural drain.	age. TMDLs to t	
6	R	<ul> <li>Statistication etcode because of the control biology of agent in the SUSAN RIVER</li> </ul>	199498704632940887 946 637.200	Unknown Toxicity River affected by natural and man-made geothermal dis addressed during years 6-13 of the next 13 years of the Agriculture	charges and by agric TMDL development	ultural drain.	age. TMDLs to t	
6		<ul> <li>Subsudier etcas souwerd of the control set with a set of the set</li></ul>	9.964982046622.49.4908254 1946 637.200	Unknown Toxicity River affected by natural and man-made geothermal dis addressed during years 6-13 of the next 13 years of the Agriculture Other Urban Runoff	charges and by agric TMDL development	ultural drain.	age. TMDLs to t	
6	, <b>R</b>	s. Subsummerses sources of anti-subsystate 23	19.96493204603249603824 Total 637.200	Unknown Toxicity River affected by natural and man-made geothermal dis addressed during years 6-13 of the next 13 years of the Agriculture Other Urban Runoff Highway Maintenance And Ru	charges and by agric TMDL development	ultural drain.	age. TMDLs to t	

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6 ·	R	TRUCKEE RIVER	635.200						
v	ĸ			Sedimentation/Siltation Watershed disturbance including ski resorts, silvicultural and management; highly erosive subwatersheds. Phase 104/106 grant funds; Phase II work, using Section 205(j) Source Unknown	I sediment TMDL	to be complete			019
6	R		603.300	Habitat alterations Livestock grazing problems. Potential for delisting follow addressed during years 6-13 of the next 13 years of the Range Land					
6	R	WARD CREEK	634.200	Sedimentation/Siltation Watershed disturbance. TMDLs to be developed as part 13 years of the TMDL development process, as resource Land Development Nonpoint Source		7 Tahoe during y	Miles ears 6-13 of the	e next	a 32 (5 100 10 10 10 10 10 10 10 10 10 10 10 10
6	R	WEST WALKER RIVER	631.000	Sedimentation/Siltation Agriculture, flooding, highway construction. (Watershed s highway washed out and reconstructed under emergency TMDLs to be addressed through WMI process (once prior 13 of the next 13 years of the TMDL development process	y regulations with wity watersheds a	no CEQA analy re rotated), prol	/sis.)		
				Agriculture Nonpoint Source					
6	R	WOLF CREEK (1)	632.100	Sedimentation/Siltation Livestock grazing. Problems to be addressed as part of 13 years of the TMDL development process, resources p Range Land		<b>14</b> Il effort during y	Miles ears 3-5 of the	next	2.466238.87
/#####################################	S	ALKALI LAKE, LOWER	641.000		2X-4-1 <b></b>			*************	erense ooste
	-	7		Salinity/TDS/Chlorides Natural internally drained lake; affected by agricultural di documented as "easy" (already funded) TMDL using 199 Flow Regulation/Modification Natural Sources Nonpoint Source			Acres impairment to	<b>0198</b> be	019
6	S	ALKALI LAKE, MIDDLE	641.000	Salinity/TDS/Chlorides Natural internally drained lake affected by agricultural div documented as "easy" (already funded) TMDL using 199 Flow Regulation/Modification Natural Sources Nonpoint Source			Acres impairment to	0198 be	019

Water Act Section 303(d). In a few cases, they provide necessary information.

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6 S	ALKALI LAKE, UPPER	641.000			
	·· <b>_</b> ···		Salinity/TDS/Chlorides	Medium 24250 Acres 0198	019
			documented as "easy" (already funded) TMDL	cultural diversions from tributaries. Natural impairment to be using 1998 Section 104/106 grant funds.	
			Flow Regulation/Modi	fication	
			Natural Sources		
e in activit magnetit w	a state size of the second but the s	e et al la participation de la companya de la compa		The energy of the second s	
6 S	DEEP SPRINGS LAKE	605.000			
			Salinity/TDS/Chlorides Natural internally drained lake; "natural impain 1998 Section 104/106 grant funds.	Medium 1400 Acres 0198 nent" to be documented as "easy" (already funded) TMDL using	019
			Nonpoint Source		
			Nonpoint Source		
6 S	HONEY LAKE	637.200			
			Arsenic	Medium 55327 Acres	
				but amounts are affected by agricultural/geothermal drainage. he next 13 years of the TMDL development process, probably in m.	
			Flow Regulation/Modi	fication	
			Natural Sources		
			Nonpoint Source		
				Medium 55327 Acres icultural and geothermal drainage. TMDLs to be addressed MDL development process, as resources permit (probably in	
			Agriculture		
			Natural Sources		
6 S	HONEY LAKE WILDFOWL MGN PONDS	AT. 637.200	Nonpoint Source	ಿ ಪ್ರತಿಗಳಲ್ಲಿ ಇಲಿಸಲೆ ಆಫ್ರಾಪ್ 'ನ್ ಆಫ್ ಸ್ಟ್ರಾ ಕರ್ಕಾರ್ ಕರ್. ಕಿಥ್ ಅಂಥ ಕ್ಲ್ರಾ ಪ್ರತಿ ಕರ್ನಿಟ್ ಕ್ಲಾ ಪ್ರತಿ ಕರ್ನಿಟ್ ಕ್ಲಾ	
			Flow alterations	Medium 500 Acres	
			, ,	er monitoring may support delisting for this parameter. TMDLs, if the next 13 years of the TMDL development process.	
			Agricultural Water Div	version	
			Metals	Medium 500 Acres	
				monitoring may support delisting for this parameter. TMDLs, if the next 13 years of the TMDL development process, as	
			Agriculture		
			Geothermal Developm	nent	
			Natural Sources		

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EGION	TYPE	NAME	LINIT	POLLUTANT/STRESSOR* SOURCE PRIORITY AFFECTED UNIT DATE DAT
				Salinity/TDS/Chlorides Medium 500 Acres Ponds affected by agricultural, geothermal drainage. TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, resources permitting.
				Agriculture Geothermal Development
				Natural Sources
				Trace Elements         Medium         500         Acres           Geothermal and agricultural drainage.         Further monitoring might support delisting.         TMDLs, if needed, to be addressedduring years 6-13 of the next 13 years of the TMDL development process, resources permitting.
				Geothermal Development
				Natural Sources
6	S	LITTLE ALKALI LAKE	603.100	
				Arsenic Medium 1 Acres 0198 0199 Naturally impaired (by geologic/geothermal sources); natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.
				Natural Sources
6	S	MONO LAKE	601.000	
-	-			Salinity/TDS/Chlorides High 35000 Acres 0198 0199 Naturally saline, internally drained lake with increased TDS due to diversions of tributaries by Los Angeles Dept. of Water and Power. Natural high levels of toxic elements to be addressed through "easy" (already funded) TMDL using Section 104/106 grant funds.
				Flow Regulation/Modification
				Natural Sources
				Source Unknown
6	S	OWENS LAKE	603.300	
				Salinity/TDS/Chlorides       Low       20000       Acres         Natural internally drained saline lake with lake level decreased, salinity increased due to diversions of tributaries by Los Angeles Department of Water and Power. Pending project by Great Basin Unified Air       Pollution Control District may restore some beneficial uses to part of lakebed.       TMDLs to be addressed during years 6-13 of the next 13 years of the TMDL development process, as resources permit.       [20,000 acre area figure reflects past Corps of Engineers delineation of brine pool; natural lake bed is much larger.]
				Flow Regulation/Modification Natural Sources
6	S	SEARLES LAKE	621.000	
J	5			Salinity/TDS/Chlorides Medium 26100 Acres 0198 0199 Naturally saline, internally drained desert playa lake. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.
·				
			CARDON OF STREET, AND AN AND AND AND AND AND AND AND AND	
6	w	AMEDEE HOT SPRINGS	637.200	
6	W	AMEDEE HOT SPRINGS	637.200	Metals Medium 1 Acres 0198 0199 Natural geothermal springs developed for energy production; natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.

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6	w	BIG SPRINGS	603.100		
•				Arsenic         Medium         1         Acres         0198           Natural geothermal source of arsenic at headwaters of Owens River. Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.         Natural Sources	0199
6	W	CINDER CONE SPRINGS	635.000	Nutrients Medium 1 Acres Springs tributary to Truckee River, affected by subsurface drainage from former wastewater disposal area (disposal discontinued 1978).	
				Source Unknown         Medium         1         Acres           Salinity/TDS/Chlorides         Medium         1         Acres           Subsurface drainage from former wastewater disposal area. Has not been monitored routinely in recent years; further monitoring may support delisting.         TMDLs, if needed, to be addressed during years 3-5 of the next 13 years of the TMDL development process, as resources permit.	
(* <b>6</b> 98 X. 3 ~	n marina the	·····································	n a. h. P. len <b>det</b> h. Mar <b>a</b> hh		فحرر والترقيقين
6	w	FALES HOT SPRINGS	631.000	Metals Medium 1 Acres 0198 Natural geothermal springs; natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.	019
		HONEY LAKE AREA WETLANDS	637.200	Natural Sources パート・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	<i>*</i>
J				Metals         Medium         12000         Acres           Geothermal drainage;effects of saline Honey Lake water. To be addressed during years 6-13 of the next 13 years of the TMDL development process, probably as part of TMDLs for Honey Lake and Susan River.         Agriculture           Geothermal Development         Natural Sources         Nonpoint Source	
6	W	KEOUGH HOT SPRINGS	603.000	Metals         Medium         1         Acres         0198           Natural geothermal springs developed for recreation. Natural impairment to be documented as "easy" (already funding) TMDL using 1998 Section 104/106 grant funds.         Natural Sources	019
6	W	TOP SPRING	637.200	Radiation       Medium       1       Acres       0198         Natural source (spring was developed as domestic water source for USFS ranger station and abandoned after testing showed MCL exceedance.) Natural impairment to be documented as "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.       Natural Sources	019
6	W	WENDEL HOT SPRINGS	637.200	Metals         Medium         1         Acres         0198           Natural geothermal spring developed for energy.         Metals source to be documented as natural for "easy" (already funded) TMDL using 1998 Section 104/106 grant funds.	019

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#### 1998 CALIFORNIA 303(d) LIST AND TMDL PRIORITY SCHEDULE Approved by USEPA: 12-May-99 SIZE START END HYDRO POLLUTANT/STRESSOR: SOURCE PRIORITY AFFECTED UNIT DATE DATE NAME UNIT REGION 723.100 ALAMO RIVER 7 R 52 Pesticides High Miles 2002 2011 Pesticides may be contained in agricultural return flows. Elevated fish tissue levels. Toxic bioassay results. **Agricultural Return Flows** Sedimentation/Siltation High 52 1998 2000 Miles Agricultural Return Flows Selenium High 52 Miles 2000 2010 Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels. **Agricultural Return Flows** 719.470 R COACHELLA VALLEY STORM 7 CHANNEL Bacteria Low 20 Miles 2004 2009 Bacteria objectives violated, threat of toxic bioassay results.

Elevated fish tissue levels and toxic bioassay results.

 Sedimentation/Siltation
 High
 1305
 Miles

 Agricultural return flows.
 Agricultural Return Flows
 Miles

 Selenium
 High
 1305
 Miles

High

1305

Miles

2011

2010

2010

2005

2000

2000

Selenium originates from Upper Basin Portion of Colorado River. Elevated fish tissue levels.

Δ	arici	litural	Return	Flows

**Agricultural Return Flows** 

Source Unknown

	Agricultural Return Flows					
7 R NEW RIVER (R7) 723.1	Bacteria	High	60	Miles	1998	2005
	Regional Board proposes to establish TMDL in cooperation w					
$\sim$	Agricultural Return Flows					
· \ /	Nutrients	High	60	Miles	2002	2010
	Regional Board proposes to establish TMDL in cooperation w	ith U.S.EPA/M	exico.			
	Agricultural Return Flows					
	Pesticides	High	60	Miles	2002	2013
	Agricultural Return Flows					
	Sedimentation/Siltation	High	60	Miles	1998	2002
	Agricultural Drainage from Imperial Valley and Mexicalli Valley	<b>y</b> .				
	Agricultural Return Flows					
	Volatile Organics/VOCs	High	60	Miles	2007	2013
	Agricultural Return Flows	-	1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -			
7 R PALO VERDE OUTFALL DRAIN 715.4						
	Bacteria	Medium	16	Miles	2005	2011
	Source Unknown			_		

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723.100

Pesticides

IMPERIAL VALLEY DRAINS

R

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7 S	SALTON SEA	728.000	Nutrients		 Medium	220000	Acres	2002	2010
			Salinity	Agricultural Return Flows	Medium	220000	Acres	1998	2010
			Janney	Agricultural Return Flows	Mediam	220000	Acles	1990	2001
			Selenium Selenium originates i	from Upper Basin Portion of Colorado Riv Agricultural Return Flows	Medium er.	220000	Acres	2000	2007
8 B	ANAHEIM BAY	801.110	$\geq$			n where is welling that w	i yangan i ya ka		(
		2	Metals	Urban Runoff/Storm Sewers	Medium	180	Acres	0108	0111
			Pesticides	Unknown Nonpoint Source	Medium	180	Acres	0108	0111
~	and the state of the	an an and a star way to the state second of		Unknown Nonpoint Source		····			
8 B	HUNTINGTON HARBOUR	801.110	$\mathcal{D}$	na na na mana ana ang kana kana kana kana kana kan	and an		-		
			Mètals	Urban Runoff/Storm Sewers Boatyards	Medium	150	Acres	0108	0111
			Pathogens	-	Medium	150	Acres	0108	0111
			Pesticides	Urban Runoff/Storm Sewers	Medium	150	Acres	0108	0111
				Unknown Nonpoint Source					·
8 B	NEWPORT BAY, LOWER	801.110			• H - L				
		, `	Metals	Urban Runoff/Storm Sewers Contaminated Sediments	High	700	Acres	0196	0107
			Nutrients	Boatyards	High	700	Acres	0196	0198
				Agriculture Urban Runoff/Storm Sewers					
			Pathogens	Urban Runoff/Storm Sewers	High	700	Acres	0697	0100
		(	Pesticides		High	700	Acres	0199	0102
				Agriculture Contaminated Sediments					
		(	Priority Organics	Contaminated Sediments	High	700	Acres	0199	0102
			and a second sec	Unknown Nonpoint Source					
8 E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	801.110		ne na mande en 1998 förstandig och det som samt för standa för de som samt för som samt för som samt för som s	- Andrewski, af P Ye	CONCUMPTING CONTRACTING	1997 - AMOR - AMARANA		an mittakti
			Metals	Urban Runoff/Storm Sewers	High	752	Acres	0199	0102

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GION	TYPE	NAME **	HYDRO UNIT: A	POLLUTANT/STRESSOR	SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START	E D
				Nutrients		High	752	Acres	0196	01
					Agriculture					
					Urban Runoff/Storm Sewers					
					Groundwater Loadings					
				Pathogens		High	752	Acres	0697	01
					Urban Runoff/Storm Sewers					
				Pesticides		High	752	Acres	0199	01
					Agriculture					
					Unknown Nonpoint Source					
				Sedimentation/Siltation		High	752	Acres	0196	01
					Agriculture	-				
					Construction/Land Development					
					Channel Erosion		·			
					Erosion/Siltation					
n 2004-2000			801.710	aan da ayaan dalayaan ayaan dala <mark>n kanada kana ahaa ahaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaanaa ahaana ahaanaa ahaan</mark>	an gan ng mangang mang Mangang mangang	and the state of the	a na mana ang kanalang kana kana kana kana kana kana kana k	19-25 Maril &	un mander en arracte au	<b>BARNEY SER</b> O
8	L	BIG BEAR LAKE	001.710	Copper		Medium	2970	A	0102	04
				oopper	Resource Extraction	MCUIUM	23/0	Acres	0102	01
				Mercury		Medium	2070		0402	04
				Mercury	Resource Extraction	Medium	2970	Acres	0102	01
				Metals	Resource Extraction	Madium		•		
				metals	Resource Extraction	Medium	2970	Acres	0102	01
					Resource Extraction	No alissas	2070	•		•
				Noxious aquatic plants	Construction/Lond Dovelopment	Medium	2970	Acres	0102	01
					Construction/Land Development					
					Unknown point source	<b>6.1</b>	0070			
				Nutrients	Construction II and Development	Medium	2970	Acres	0102	01
					Construction/Land Development					
					Snow Skiing Activities			_		
				Sedimentation/Siltation		Medium	2970	Acres	0102	01
					Construction/Land Development					
					Snow Skiing Activities					
		an an the first the first the first the first the first state of the first t			Unknown Nonpoint Source				n den half an in fair an in fair an in fair	••••
8	L	CANYON LAKE (RAILROAD CANYON RESERVOIR)	802.120							
		-		Nutrients		Medium	600	Acres	0102	01
					Nonpoint Source					
				Pathogens		Medium	600	Acres	0102	01
				-	Nonpoint Source					-
8	L	ELSINORE, LAKE	802.310					<b>10 10 10 10 10 10 10 10 10 10 10 10 10 1</b>	*****	1294 (Lexcolor)
0	L		572.515	Nutrients		Medium	3300	Acres	0102	01
					Unknown Nonpoint Source	mgaidill		74123	0102	01
		·		Org. enrichment/Low D.(	-	Medium	3300	Acros	0102	01
				org. entremente Low D.	Unknown Nonpoint Source	mealum	5500	Acres	0102	01
				Sedimentation/Siltation		Medium	3300	A	0102	04
				Secumentation/Siltation	Linhan Dune#/Sterm Courses	meatum	3300	Acres	0102	01
					Urban Runoff/Storm Sewers					

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GION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	EN DA
	·			Unknown Toxicity	Unknown Nonpoint Source	Medium	3300	Acres	0102	010
8	L	FULMOR, LAKE	802.210	Pathogens	Unknown Nonpoint Source	Low	9	Acres	0108	011
8	L	RECEIPTION OF A DESCRIPTION OF A DESCRIP	801.210	Nutrients	Nonpoint Source	Low	60	Acres	, <b>0108</b>	01'
				Pathogens	Nonpoint Source	Low	60	Acres	0108	01 <sup>.</sup>
8 8	R	CHINO CREEK, REACH 1	801.210	Nutrients	Agriculture	Medium	*** *** ******************************	Miles	0100	01(
				Pathogens	Dairies Dairies Urban Runoff/Storm Sewers	Medium	2	Miles	0100	01
8	R	CHINO CREEK, REACH 2	801.210	High Coliform Count	Unknown Nonpoint Source	Low	nak in inden de lindje forw 10	Miles	0108	01
8	R	CUCAMONGA CREEK, VALLEY REACH	801.210	High Coliform Count	Unknown Nonpoint Source	Low	13	Miles	0108	01
8	R	GROUT CREEK	801.720	Record Law Brown Balling Balling Strategy (1994) (2014) Metals	Unknown Nonpoint Source	Medium	*** Tane op the <b>Jane 6</b> 0 (10) have been	Miles	0102	01
				Nutrients	Unknown Nonpoint Source	Medium	2	Miles	0102	010
8	R		801.710	Metals	Unknown Nonpoint Source	Medium	2 (2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Miles	0103	01(
				Pathogens	Unknown Nonpoint Source	Medium	2	Miles	0103	01
8	R	LYTLE CREEK	801.400	Pathogens		Low	18	Miles	0108	01
8	R	MILL CREEK (PRADO AREA)	801.250	Nutrients	Agriculture Dairies	Medium	4	Miles	0100	01

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REGION	i TYP		HYDRO	POLLUTANT/STRESSO	SOURCE	PRIORITY	SIZE	UNIT	START DATE	END
				Pathogens		Medium	4	Miles	0100	0105
				Suspended solids	Dairies Dairies	Medium	4	Miles	0100	0105
8	R	MILL CREEK, REACH 1	801.580	Pathogens	Unknown Nonpoint Source	Low	5	Miles	0108	0111
8	R	MILL CREEK, REACH 2	801.580	Pathogens	Unknown Nonpoint Source	Low	8	Miles	0108	0111
8	R	MOUNTAIN HOME CREEK	801.580	Pathogens	Unknown Nonpoint Source	Low	4. 4	Miles	0108	0111
8	R	MOUNTAIN HOME CREEK, EAST FORK	801.700	Pathogens	Unknown Nonpoint Source	Low	1	Miles	0108	0111
8	R	RATHBONE (RATHBUN) CREEK	801.720	Nutrients	Snow Skiing Activities Unknown Nonpoint Source	Medium	2 2	Míles	0102	0105
	And in some		STORE MARGING THE CONTRACTOR	Sedimentation/Siltation	Snow Skiing Activities Unknown Nonpoint Source	Medium	2	Miles	0102	0105
8	R	SAN DIEGO CREEK, REACH 1	801.110	Metals	Unknown Nonpoint Source	High	6	Miles	0199	0102
				Nutrients	Agriculture Urban Runoff/Storm Sewers Groundwater Loadings	High	6	Miles	0196	0198
			Ĺ	Pesticides	Unknown Nonpoint Source	High	6	Miles	0199	0102
		•		Sedimentation/Siltation	Agriculture Construction/Land Development	High	6	Miles	0196	0198
8	R	SAN DIEGO CREEK, REACH 2	801.110	$\frown$	Channel Erosion Erosion/Siltation		<b>11222 (122</b> 4,050) (120 <b>) (120)</b>		NEW CONTRACTOR	
				Metals	Urban Runoff/Storm Sewers	High	6	Miles	0199	0102

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	HYDRO UNIT	POLLUTANT/STRESSOR	• SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
		Nutrients		High	6	Miles	0196	0198
		Sedimentation/Siltation	Agriculture Urban Runoff/Storm Sewers Groundwater Loadings	High	6	Miles	0196	0198
			Agriculture Construction/Land Development Channel Erosion Erosion/Siltation	'ngn	0	Miles	0150	0130
		Unknown Toxicity	Unknown Nonpoint Source	High	6	Miles	0199	0102
8 R SANTA ANA RIVER, REACH 3	801.200	Nutrients	and physical definition and statements. Provide the statements	Medium	≪ + s x - + , * + + , , , , , , 3	Miles	0100	0111
2		Pathogens	Dairies	Medium	3	Miles	0100	0111
4		Salinity/TDS/Chlorides	Dairies	Medium	3	Miles	0100	0111
8 R SANTA ANA RIVER, REACH 4	801.270	Mandalan (****** Mandala), 200 - storig i z	Dairies Volumente anno anno anno anno anno anno anno ann	in Childenada ann an Annanch Inn I ann an	No 2010		ser genteres a refer	n na stand an
		Pathogens	Nonpoint Source	Low	12	Miles	0108	0111
8 R SANTIAGO CREEK, REACH 4	801.120	Salinity/TDS/Chlorides	Course as a 2 1000,0000 - 2010 - 2010,000 - 2010     Source Unknown	Low	2	Miles	0108	0111
8 R SILVERADO CREEK	801.120	Pathogens		Low	2	Miles	0108	0111
		Salinity/TDS/Chlorides	Unknown Nonpoint Source Unknown Nonpoint Source	Low	2	Miles	0108	0111
8 R SUMMIT CREEK	801.710	Nutrients	Construction/Land Development	Medium	2	Miles	0102	0105
9 B MISSION BAY	906.400	Eutrophic	ላን - ምምር በጭንገር እና ዲካሞት የተቆማቋት የቀመለዋል መንግሪያ የሚያቸው እንደ ነት ምር እ	Medium	****>*********************************	Acres	0705	0708
		High Coliform Count	Nonpoint/Point Source	Low	1540	Acres	0799	0709
		Lead	Nonpoint/Point Source	Medium	1	Acres	0705	0708

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9	B	SAN DIEGO BAY	900.00						DATE	DA
5	U	SAN DIEGO BAT		10 acres, Near Corol	e following areas: Near Sub Base nado Bridge 30 acres, Near Cholla nnel 9 acres, North of 24th Street I	ns Creek 14 acres, Sa	an Diego Nav	Acres res, Downtow al Station 76	<b>D198</b> m Piers acres,	070
				Copper This listing is for diss	Nonpoint/Point Source solved copper in the Shelter Island Nonpoint/Point Source	High I yacht Basin in San I	<b>50</b> Diego Bay.	Acres	0198	070
		с.' -		10 acres, Near Coro	e following areas: Near Sub Base nado Bridge 30 acres, Near Cholla anel 9 acres, North of 24th Street I Nonpoint/Point Source	ns Creek 14 acres, S	an Diego Nav	Acres res, Downtow al Station 76	0198 m Piers acres,	07(
9	С	PACIFIC OCEAN, ALISO HSA	901.13	aralan langa termenen siteria ang termenen siteria ang termenen ang termenen siteria ang termenen siteria ang t	na ann an ann an ann an ann ann ann ann		a martatan are ta tapera	an shiriya da kara sa k	nanda suman laya, nandi	KALENSETT N.C.
		901.13		High Coliform Count	Nonpoint/Point Source	Medium	0.01	Miles	0797	070
9	С	PACIFIC OCEAN, BUENA VISTA HA 904.20	904.20		ning oli shinanin sharoon na sana kuroo	i ferningfan skrifte in Station fan ferste fan de skrifter fan de skrifter	En nond Yw Tolder y Stationer Million of State	ning i shakatar direkan sa kana sa kan K	affarffa fhallachao, ggna (e- La	Star C Nor
				High Coliform Count	Nonpoint/Point Source	Low	0.02	Miles	0799	070
9	С	PACIFIC OCEAN, CORONADO HA 910.10	910.10		nan kanalan kanan ka	n de en landen inder finnen inder en de en d	an ng gang ang sang sang sang sang sang	and a subsection of the subsec	Call of Children and a strategy	phenological and the second
				High Coliform Count	Nonpoint/Point Source	Low	0.04	Miles	0799	070
9	С	PACIFIC OCEAN, DANA POINT HSA 901.14	901.14	na fra Landerska ar 1967 af Carlon Brand Bran Brand Brand	allanden seiten en ander einen einen seiten an der einen der Staten anderen anderen anderen anderen seiten ande	and on a subscription of the	2.975 1, 2007 <b>1, 2007 1, 2004 1</b> , 2004 1, 2004 1, 2004 1, 2004 1, 2004 1, 2004 1, 2004 1, 2004 1, 2004 1, 2004	of and strong with approximation		is inner w
				High Coliform Count	Nonpoint/Point Source	Low	0.06	Miles	0700	071
9	С	PACIFIC OCEAN, ESCONDIDO CREEK HA 904.60	904.60	nennennen (	α τα βαι και παραγγάζεται το ποροχιζότα τη φαριατική της	nne y de ar marce all'har d'al alla de la constante de la constante de la constante de la constante de la const	anna a' an ann an Anna an Anna an Anna an Anna an Anna A	anan katalon ("Antala" ana katalon ang Katalon da Katalon (Katalon da Katalon (Katalon da Katalon (Katalon da K		NOVE ADDRESSO
				High Coliform Count	Nonpoint/Point Source	Low	0.02	Miles	0799	070
9	С	PACIFIC OCEAN, LAGUNA BEACH HSA 901.12	901.12	nanna an tha an tha an tha an tha an tha an	ann an an an an an an ann ann ann ann a	ann - Frank ann Airt Ailliadh a bhan airtean ann an Airt Airt Airt Airt Airt Airt Airt Airt	n menan tahén tanggéngan panéné			
				High Coliform Count	Nonpoint/Point Source	Low	0.15	Miles	0700	071
9	С	PACIFIC OCEAN, LOMA ALTA HSA 904.10	904.10	and and an		THE REAL PROPERTY AND	a <b>-</b>			NTOCH IP COM.
				High Coliform Count	Nonpoint/Point Source	Low	1	Miles	0799	070

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

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19 / // 10. S	TYPE	A straining of V. S., V. S.	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	DATE	EN DA
9	С	PACIFIC OCEAN, LOWER SAN JUAN HSA	901.270	High Coliform Count		Low	0.02	Miles	0700	071
S & W	we want wat	an that a stand and the second the second the second second second second second second second second second se	to a star to defend to a star a st	-	Nonpoint/Point Source	222、小山堡村小田の中、大山石 各部 中午前期 三國家派的編集	an chrainn		. <b></b>	
9	С	PACIFIC OCEAN, SAN CLEMENTE HA 901.30	901.30							
				High Coliform Count	Nonpoint/Point Source	Low	0.15	Miles	0700	07
9	С	PACIFIC OCEAN, SAN DIEGO HU 907.00	907.00	Angele newsraanse andanse stratistikker en stratistikker en stratistikker en stratistikker en stratistikker en	n an	, DAN HERMOODER I DAN HERMOODER IS ON AND AND AND AND AND AND AND AND AND AN	na n	. 1×.∞.r.,⊉	n 42702n 4220° Artic	
				High Coliform Count	Nonpoint/Point Source	Low	0.5	Miles	0799	070
9	С	PACIFIC OCEAN, SAN DIEGUITO HU 905.00	905.00	alende de XXIII de reunerder († 1973 - 2014) († 1973)	- E GE BERKENBERSENEREN ZUN DE VOL ALAN KREE V	nanten han soona karaken karatari	·	a. • •	5 <sub>10</sub> 15 5	, <sup>3, 3</sup> *
				High Coliform Count	Nonpoint/Point Source	Low	0.02	Miles	0799	07
9	с	PACIFIC OCEAN, SAN LUIS REY HU 903.00	903.00	<sup>44</sup> δάξ <b>φΩ</b> δΩς <b>Α.Υ. «ΔΟΥ Α</b> ΓΟ ΤΟ ΑΓΟ Μ. ΤΑΝ΄ ΤΟ <b>Υ</b> ΤΟ Υ΄	a proside de locale en la provincia de la casta 2016 - o a angle	ಕರ್ಷಕ ಸಿ. ನಿ.ಕಿ. ಇ. 5 <sup>-0</sup> ಕೇಂದ್ರೆಯಿಂದಕ್ಕೊಂಡುಗೆ ಬಿಡಿದಿಂದ ಕ್ರಿಯೆಂತಿಕೊಂಡಿಗೆ	er et Al Spaces i Dynami		20 - 11 - 198 A. M. I.	· • • 45.
				High Coliform Count	Nonpoint/Point Source	Low	0.01	Miles	0799	07
9	с	PACIFIC OCEAN, SAN MARCOS HA 904.50	904.50	A ματοροφάζεις το αφοριστικό το	ಗ್ರೆ ಅಂ <sub>9</sub> 0 <sub>3 ಕ</sub> ್ಕರ್ ಕ್ರಾಮಿಕೊಂಡಲೇರಿಂದ ಇದ್ದರು ಶ	<b>.</b> .		. •	s young to prove the second	
		na 304.30		High Coliform Count	Nonpoint/Point Source	Low	0.01	Miles	0799	07
9	с	PACIFIC OCEAN, SCRIPPS HA	906.30	t θλαβασσό του το κατάλο βαλαγού του το	. I approace to be a material to I are not the other of the other	n na hunnen in da sinn dan substation ab	w artiqui tgbris, i	20		
		906.30		High Coliform Count	Nonpoint/Point Source	Low	0.13	Miles	0799	07
9	с	PACIFIC OCEAN, TIJUANA HU 911.00	911.00	nakkula kanan kalandak 2004 (* 1704) (* 2003) - K	<ul> <li>A meri delle ognetici della ordena della della</li></ul>	<ul> <li>පෙනසාවර ම C, D 19 (1960 n), පෙරහා වෙනමැතිම ක්රමාන වර්ගමනකාවේ ම</li> </ul>	anation Carriellon grow with th	ene addition of a	on Linearaine ann	v *0%** *
		511.00		High Coliform Count	Nonpoint/Point Source	Low	3.2	Miles	0798	07 <sup>.</sup>
9	C C	SAN DIEGO BAY, LINDBERGH	908.21	undersen jaligens groß, alle Spraction provinsion of the		* ^	unerskiller och fri Mundeline is	ene ane ar n	1. AMAGAAAAAGAAAAA	6 e~?98.8
		HSA 908.21		High Coliform Count	Nonpoint/Point Source	Low	0.2	Miles	0799	07
9	с	SAN DIEGO BAY, TELEGRAPH	909.11	nan an	Nonpoint/Point Source	e o needon o esta o toto o toto tento constante constante de secu	inne de la Tradició de la Constante de la Const	ar an an 1999 a	signador (no n	″ e . • \$
		HSA 909.11		High Coliform Count	Nonpoint/Point Source	Low	0.01	Miles	0799	07

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REG	IÒN	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSOF	e Source	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
9	)	E	AGUA HEDIONDA LAGOON	904.310	High Coliform Count	Nonpoint/Point Source	Low	5	Acres	0799	0709
					Sedimentation/Siltation	Nonpoint/Point Source	Medium	5	Acres	0704	0707
9	)	E	ALISO CREEK MOUTH OF ORANGE	901.130	High Coliform Count	genetisten genetisten sollar en sollar en sollar en sollar en sollar de sollar de sollar de sollar de sollar d	Medium	0.3	Acres	0797	0701
9		E	BUENA VISTA LAGOON	904.210	and a subsection of the subsection of t	Nonpoint/Point Source	natura da antica da a	478.35# Million and an Antonici	ini kata kata kata kata kata kata kata kat	SPARINES (STREET	an a
					High Coliform Count	Nonpoint/Point Source	Low	350 150	Acres	0799	0709
					Sedimentation/Siltation	Nonpoint/Point Source	Medium	350	Acres Acres	0704 0704	0707 0707
<i></i>		E	FAMOSA SLOUGH & CHANNEL	906.400	Eutrophic	Nonpoint/Point Source	Medium	28	Acres	0705	0708
9	a	E	LOMA ALTA SLOUGH	904.100	Eutrophic	Nonpoint Source	Low	8 8	Acres	0799	0709
the state of the state of the		2507 V.B. 1971 - 2000 - 8000			High Coliform Count	Nonpoint Source	Low	8	Acres	0799	0709
9	)	E	LOS PENASQUITOS LAGOON	906.100	Sedimentation/Siltation	Nonpoint/Point Source	Medium	385	Acres	0705	0708
9	)	E	SAN ELIJO LAGOON	904.610	Eutrophic		Low	330	Acres	0799	0709
					High Coliform Count	Nonpoint/Point Source	Low	150	Acres	0799	0709
	SIN & MACH	414322527	ann an		Sedimentation/Siltation	Nonpoint/Point Source	Medium	150	Acres	0704	0707
9	)	E	SAN JUAN CREEK (MOUTH)	901.200	High Coliform Count	Nonpoint/Point Source	Low	2	Acres	0700	0710
9	)	E	SANTA MARGARITA LAGOON	902.110	Eutrophic	Nonpoint/Point Source	High	1	Acres	0796	0705

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

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EGION	TYPE	NAME	HYDRO UNIT	POLLUTANT/STRESSO	R* SOURCE	PRIORITY	SIZE AFFECTED	UNIT	START DATE	END DATE
9	E	TIJUANA RIVER ESTUARY	911.110							
				Eutrophic		Low	1	Acres	0798	0711
				High Coliform Count	Nonpoint/Point Source	Low	150	Acres	0798	0711
				ngh comoni counc	Nonpoint/Point Source			Adies	0100	
				Lead		Low	1	Acres	0798	0711
				612 - 1 - 1	Nonpoint/Point Source	1		•		0744
				Nickel	Nonpoint/Point Source	Low	1	Acres	0798	0711
				Pesticides		Low	1	Acres	0798	0711
					Nonpoint/Point Source					
				Thallium		Low	1	Acres	0798	0711
				Trash	Nonpoint/Point Source	Low	1	Acros	0798	0711
				Trasn	Nonpoint/Point Source	LOW	•	Acres	0790	0/11
9	 1		903.110	an a	an a	n y ong on ang paggan dini pangka sa na na na	- 8-075 - 8007- 2-50 Per-6089-5-* 8-5		- ≧untrakan kon s	564 <b>96</b> 864907 1
3	5		300.110	Eutrophic		Medium	25	Acres	0708	0711
				-	Nonpoint/Point Source					
9	R	ALISO CREEK	901.130		n en mellon under leite en mellon en oppendeure en die severaliseerikke daar werden is. Die heer		· · · · · · · · · · · · · · · · · · ·	ĸ	. ~	
				High Coliform Count		Medium	1	Miles	0797	070 <sup>.</sup>
		and the second state of th	- terr to the top top the	e - complete e ambiti - companye e son por	Nonpoint/Point Source	ALL A CLARK STRAIGHT FLO	e de la composition de			×.,
9	R	CHOLLAS CREEK	908.220	• • •						
				Cadmium Elevated levels in St	ormwater	High	1	Miles	0198	070
					Nonpoint/Point Source					
				Copper	·	High	1	Miles	0198	070
				Elevated levels in St						
				High Coliform Count	Nonpoint/Point Source	Low	1	Miles	0799	070
				high comonn count	Nonpoint/Point Source	LOW	• .	WIIICS	0155	0/0
				Lead	-	High	1	Miles	0198	070
				Elevated levels in St						
				Toxicity	Nonpoint/Point Source	High	1	Miles	0198	070
				Toxicity in Stormwate	er.	nıyıı	,	Annes	0190	070
				-	Nonpoint/Point Source					
				Zinc		High	1	Miles	0198	070
				Elevated levels in St	ormwater. Nonpoint/Point Source					
	s : senate ·	- AND AND THE AND		nen nee staanske gebruik en en de skale fan de skale in de skal		er general octomological and the state of the state	na ser a se	nan ann an	tae ann ann ann an a'	-
9	R	RAINBOW CREEK	902.200	Eutrophic		High	5	Miles	0798	070
				Lauopine		nigu	5	MI162	0190	0100

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

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REGION	түре	NAME	HYDRO UNIT	POLLUTANT/STRESSOR	SOURCE	• PRIORITY	SIZE AFFECTED	UNIT	START DATE	'ENI DAT
9	R	SAN JUAN CREEK LOWER	901.270	High Coliform Count	Nonpoint/Point Source	Low	1	Miles	0700	0710
9	R	TECOLOTE CREEK	906.500	Cadmium Elevated levels in Storn	nwater.	Medium	6	Miles	<b>0705</b>	0708
				Copper Elevated levels in Storn	Nonpoint/Point Source nwater. Nonpoint/Point Source	Medium	6	Miles	0705	0708
				High Coliform Count	Nonpoint/Point Source	Low	6	Miles	0799	070
				Lead Elevated levels in Storn	•	Medium	6	Miles	0705	070
				Toxicity Elevated levels in Stom	nwater.	Medium	6	Miles	0705	070
				Zinc Elevated levels in Storn	Nonpoint/Point Source nwater. Nonpoint/Point Source	Medium	6	Miles	0705	070
9	R	TIJUANA RIVER	911.110		Nonpoint/Point Source		in construction and the substantian state		ah tao a tao amin' a	
5	ĸ			Eutrophic	Nonpoint/Point Source	Low	7	Miles	0798	071
				High Coliform Count	Nonpoint/Point Source	Low	7	Miles	0798	071
				Org. enrichment/Low D.O.	Nonpoint/Point Source	Low	7	Miles	0798	071
				Pesticides	Nonpoint/Point Source	Low	7	Miles .	0798	071
				Solids	Nonpoint/Point Source	Low	7	Miles	0798	071
				Synthetic Organics	Nonpoint/Point Source	Low	7	Miles	0798	071
					Nonpoint/Point Source	Low	7	Miles	0798	071
				Trash	Nonpoint/Point Source	Low	7	Miles	0798	071

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

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ABBREVIATIONS

Approved by USEPA: 12-May-99

No. Martine

## HYDRO SIZE START END REGION TYPE NAME UNIT POLLUTANT/STRESSOR SOURCE PRIORITY AFFECTED UNIT DATE DATE

### REGIONAL WATER QUALITY CONTROL BOARDS

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

#### WATER BODY TYPE

- B = BAYS AND HARBORS
- C = COASTAL SHORELINES
- E = ESTUARIES
- 0 = OCEAN AND OPEN BAYS
- R = RIVERS / STREAMS

LAKES / RESERVOIRS

T = WETLANDS, TIDAL

S =

W= WETLANDS, FRESHWATER

SALINE LAKES

G = GROUND WATER

#### HYDRO UNIT

"Hydro Unit" is the State Water Resources Control Board hydrological subunit area.

1 =

#### START AND END DATES

Start and End Dates are shown as the year or as month/year.

#### GROUP A PESTICIDES

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

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

### D. Designated Use Support Summary

In previous 305(b) Reports, overall use support tables were presented for each water body type. These tables are no longer a reporting requirement of CWA Section 305(b) because the presentation of overall use could mask the specific number of uses impaired. The overall use tables have been replaced by the Tables 4A-4J summarizing the extent of impairment in terms of the number of beneficial uses affected.

A determination of degree of use support likely presents a worst-case scenario of the State's water quality because a substantial portion of the State's monitoring data is collected in response to suspected problems (i.e., healthy environments are less likely than troubled ones to be targeted for monitoring).

The two assessment categories "evaluated" and "monitored" used in the following Tables 4A-4J are defined in the Guidelines for Preparation of the 1996 State Water Quality Assessments [305(b) Reports] as follows:

- "Evaluated waters" are those water bodies for which the use support decision is based on information other than current site-specific ambient data, such as data on land use, location of sources, predictive modeling using estimated input variables, and some surveys of fish and game biologists. As a general guide, if an assessment is based on older ambient data (e.g., older than five years), it would be considered "evaluated".
- "Monitored waters" are those water bodies for which the use support decision is principally based on current site-specific ambient data believed to accurately portray water quality conditions. Waters with data from biosurveys would be included in this category along with waters monitored by fixed-station chemical/physical monitoring. To be considered "monitored" based on fixed-station chemical/physical monitoring, waters should be sampled quarterly or more frequently.

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

616	651	092	TOTAL ASSESSED
123	۶∠	84	<sup>1</sup> səs <sup>1</sup> əroM ro ənO rot bərisqml əzi2
0	0	0	Size Fully Supporting All Assessed Uses but Threatened for at Least One Use
962	84	712	səsU bəssəssA IIA gnitroqqu2 yllu7 əzi2
	WONITORED	<b>EVALUATED</b>	
DESSESSE TV101	CATEGORY	LN I WSSISSA	DECREE OF USE SUPPORT

TABLE 4B. SUMMARY OF DESIGNATED USE SUPPORT: COASTAL SHORELINE (Miles)

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

9E0'26†	922'997	30,260	TOTAL ASSESD
<b>365,955</b>	997'278	15,129	<sup>1</sup> səsU əroM or One or More Uses <sup>1</sup>
221'81	0S0'L	15,122	Size Fully Supporting All Assessed Uses but Threatened for at Least One Use
694'771	094,851	600'9	səsU bəssəssA IIA gnitroqqu2 yllu7 əsi2
a bar an	WONITORED	<b>EVALUATED</b>	
OBSSESSED LOTAL	г сетесову	VIERSESS	DECREE OF USE SUPPORT

TABLE 4A. SUMMARY OF DESIGNATED USE SUPPORT: BAYS AND HARBORS (Acres)

## TABLE 4C. SUMMARY OF DESIGNATED USE SUPPORT: ESTUARIES (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
	FEVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	6,436	. 440	6,876
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	2	731	733
Size Impaired for One or More Uses <sup>1</sup>	11,145	60,177	71,322
TOTAL ASSESSED	17,583	61,348	78,931

<sup>1</sup> Impaired – Partially or Not Supporting a Designated Use

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## TABLE 4D. SUMMARY OF DESIGNATED USE SUPPORT: GROUND WATER (Square Miles)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTALE ASSESSED	
	EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	29,689	9,462	39,151
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	1,860	517	2,377
Size Impaired for One or More Uses <sup>1</sup>	7,263	14,790	22,053
TOTAL ASSESSED	38,812	24,769	63,581

<sup>1</sup> Impaired – Partially or Not Supporting a Designated Use

## TABLE 4E. SUMMARY OF DESIGNATED USE SUPPORT: LAKES / RESERVOIRS (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL Assessed	
Real and the first the data data the second	EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	127,107	88,112	215,219
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	5,079	54,630	59,709
Size Impaired for One or More Uses <sup>1</sup>	39,668	426,886	466,554
TOTAL ASSESSED	171,854	569,628	741,482

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

## TABLE 4F. SUMMARY OF DESIGNATED USE SUPPORT: OCEAN and OPEN BAYS (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
	EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	314,196	294	314,490
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	3006	0	3006
Size Impaired for One or More Uses <sup>1</sup>	0	0	0
TOTAL ASSESSED	317,202	294	317,496

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

## TABLE 4G. SUMMARY OF DESIGNATED USE SUPPORT: RIVERS / STREAMS (Miles)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
	· EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	2,264	1,080	3,344
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	1,535	336	1,871
Size Impaired for One or More Uses <sup>1</sup>	5,542	6,722	12,264
TOTAL ASSESSED	9,341	8,138	17,479

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

### TABLE 4H. SUMMARY OF DESIGNATED USE SUPPORT: SALINE LAKES (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
and a second state of the	EVALUATED	MONITORED.	
Size Fully Supporting All Assessed Uses	. 0	0	0
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	0	0	0
Size Impaired for One or More Uses <sup>1</sup>	65,125	367,783	432,908
TOTAL ASSESSED	65,125	367,783	432,908

<sup>1</sup> Impaired = Partially or Not Supporting a Designated Use

## TABLE 4I. SUMMARY OF DESIGNATED USE SUPPORT: WETLANDS, FRESHWATER (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
	EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	14,946	0	14,946
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	708	0	708
Size Impaired for One or More Uses <sup>1</sup>	41,889	9,561	51,450
TOTAL ASSESSED	57,543	9,561	67,104

<sup>1</sup> Impaired ~ Partially or Not Supporting a Designated Use

## TABLE 4J. SUMMARY OF DESIGNATED USE SUPPORT: WETLANDS, TIDAL (Acres)

DEGREE OF USE SUPPORT	ASSESSMEN	TOTAL ASSESSED	
	EVALUATED	MONITORED	
Size Fully Supporting All Assessed Uses	0	0	0
Size Fully Supporting All Assessed Uses but Threatened for at Least One Use	0	3	3
Size Impaired for One or More Uses <sup>1</sup>	70,920	181	71,101
TOTAL ASSESSED	70,920	184	71,104

<sup>1</sup> Impaired – Partially or Not Supporting a Designated Use

### E. Individual Use Summary

### **Use Support Classifications**

The U.S. EPA categories of Fully Supporting, Fully Supporting But Threatened, Partially Supporting, and Not Supporting, are described below:

Fully Supporting refers to waters of good quality in the WBS database, excluding the *Fully Supporting But Threatened* category which is treated separately. "Good" waters support and enhance all designated beneficial uses.

Fully Supporting But Threatened refers to those portions of good quality waters in the WBS database which specifically identify at least one beneficial use as threatened.

Partially Supporting refers to all intermediate and less severely impaired waters in the WBS database. "Intermediate" waters support beneficial uses with an occasional degradation of water quality. The term "intermediate" usually indicates suspected impacts to beneficial uses, i.e., a problem is indicated but inadequate data are available. "Impaired" water bodies cannot reasonably be expected to attain or maintain applicable water quality standards, and at least one beneficial use shows some degree of impairment.

Not Supporting refers to those water bodies in which a beneficial use is severely impaired and which staff judges to merit serious attention.

Tables 5A-5J show the level of support for each of the seven U.S. EPA designated beneficial uses in different types of water bodies. These include Fish Consumption, Shellfishing, Aquatic Life Support, Swimming, Secondary Contact, Drinking Water Supply, and Agriculture. California has more beneficial use categories than U.S. EPA's designated use categories. For Tables 5A-5J, California beneficial use designations have been grouped into the seven basic U.S. EPA beneficial use categories as outlined below:

U.S. EPA DESIGNATED USE CATEGORIES	EQUIVALENT CALIFORNIA BENEFICIAL USE CATEGORY <sup>*</sup>
Fish Consumption	Ocean Commercial and Sport Fishing
Shellfishing	Shellfish Harvesting
Aquatic Life Support	Warm Freshwater Habitat Cold Freshwater Habitat Fresh Water Replacement Preservation of Biological Habitats of Special Significance Estuarine Habitat Marine Habitat Fish Spawning Fish Migration Rare and Endangered Species Wildlife Habitat Saline Water Habitat Aquaculture
Swimming	Water Contact Recreation
Secondary Contact	Non-Contact Water Recreation
Drinking Water Supply	Municipal and Domestic Supply
Agriculture	Agricultural Supply

\* A description of these California beneficial uses is included in the Appendix.

Beneficial use support status is determined for entire water bodies or portions of water bodies based on the length or areal extent represented by monitoring data or other evaluation criteria. In many cases, different portions of a water body have a different use support status. In certain cases where information is not available to determine the limits of impaired areas, the entire water body is considered impaired.

GOALS	<b>USE</b>	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	144,509	1,400	312,465	26,837	-	11,982
Protect and Enhance Public Health	Fish Consumption	161,509	12,830	310,165	12,479	-	210
	Shellfishing	166,690	12,680	285,665	5,033	-	210
	Swimming	165,550	830	316,250	2,013	-	12,550
	Secondary Contact	169,788	830	312,465	1,560	-	12,550
	Drinking Water Supply	*	*	*	*	*	*
Social and Economic	Agriculture	5,000	0	15,800	0	-	0
	Cultural or Ceremonial	*	*	*	*	*	*

### TABLE 5A. INDIVIDUAL USE SUPPORT SUMMARY: BAYS AND HARBORS (Acres)

"\*" = Category not applicable

"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

### TABLE 5B. INDIVIDUAL USE SUPPORT SUMMARY: COASTAL SHORELINE (Miles)

GOALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	791	0	51	0	-	0
Protect and Enhance Public Health	Fish Consumption	558	0	54	34	-	0
	Shellfishing	725	0	54	1	-	2
	Swimming	716	0	91	25	-	2
	Secondary Contact	777	0	51	4	-	2
	Drinking Water Supply	*	*	*	*	*	*
Social and Economic	Agriculture	0	0	0	0	-	0
	Cultural or Ceremonial	*	*	*	*	*	*

"\*" = Category not applicable

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"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

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GOAIS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	6,734	731	60,816	3,528	-	20,140
Protect and Enhance Public Health	Fish Consumption	7,232	-527	55,614	2,805	-	17,735
	Shellfishing	4,272	492	3,587	805	-	19,233
	Swimming	7,479	951	8,203	814	0	22,377
	Secondary Contact	8,447	923	56,208	782	-	21,446
	Drinking Water Supply	0	0	51,469	0	-	0
Social and Economic	Agriculture	0	0	3,644	0	-	2
	Cultural or Ceremonial	*	*	*	*	*	*

### TABLE 5C. INDIVIDUAL USE SUPPORT SUMMARY: ESTUARIES (Acres)

"\*" = Category not applicable

"-" = Category applicable but no data available

"0" - Category applicable, but size of waters in the category is zero

## TABLE 5D. INDIVIDUAL USE SUPPORT SUMMARY: GROUND WATER (Square Miles)

GOALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	470	208	. 1130	-	-	15,783
Protect and Enhance Public Health	Fish Consumption	- ·	-	-	-	-	1,580
	Shellfishing	-	-	-	-	-	-
	Swimming		-	-	-	-	1,580
	Secondary Contact	-	-	-	-	-	1,580
	Drinking Water Supply	32,956	2,329	15,372	1,515	-	11,497
Social and Economic	Agriculture	25,579	790	7,722	799	20	21,043
	Cultural or Ceremonial	*	*	*	*	*	*

"\*" = Category not applicable

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"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

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COALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT- ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	172,114	57,267	326,814	127,053	-	76,740
Protect and Enhance Public Health	Fish Consumption	135,387	60,136	169,644	125,177	-	206,388
	Shellfishing	*	*	*	*	-	*
	Swimming	167,891	73,509	308,452	125,884	-	73,989
	Secondary Contact	181,285	60,501	307,165	125,457	-	85,209
	Drinking Water Supply	166,967	20,569	292,980	203		74,803
Social and Economic	Agriculture	157,926	31,417	127,263	125,722	-	88,830
	Cultural or Ceremonial	*	*	*	*	*	*

### TABLE 5E. INDIVIDUAL USE SUPPORT SUMMARY: LAKES / RESERVOIRS (Acres)

"\*" = Category not applicable

"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

#### TABLE 5F. INDIVIDUAL USE SUPPORT SUMMARY: OCEAN and OPEN BAYS (Acres)

GOALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	312,706	0	0	0	-	6
Protect and Enhance Public Health	Fish Consumption	312,706	0	0	0	-	6
	Shellfishing	312,706	0	0	0	-	6
	Swimming	312,706	0	0	0	-	6
	Secondary Contact	312,706	0	0	0	-	6
	Drinking Water Supply	*	*	*	*	*	*
Social and Economic	Agriculture	*	*	*	*	*	*
	Cultural or Ceremonial	*	*	*	*	*	*

"\*" = Category not applicable

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"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

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GOALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING		SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	2,963	1,422	5,970	1,934	-	4,016
Protect and Enhance Public Health	Fish Consumption	2,347	739	4,795	193	-	3877
	Shellfishing	3	0	19	0	-	0
	Swimming	2,918	1,303	5,784	2061	-	3744
	Secondary Contact	3,438	1,227	5,536	1,896	-	3,985
	Drinking Water Supply	2,663	1,078	4,973	365	-	2,906
Social and Economic	Agriculture	2,316	1,049	4,532	524	-	3,736
	Cultural or Ceremonial	*	*	*	*	*	*

## TABLE 5G. INDIVIDUAL USE SUPPORT SUMMARY: RIVERS / STREAMS (Miles)

"\*" = Category not applicable

"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

## TABLE 5H. INDIVIDUAL USE SUPPORT SUMMARY: SALINE LAKES (Acres)

GOALS	USE	SIZE FULLY SUPPORTING	SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	
Protect & Enhance Ecosystems	Aquatic Life Support	0	0	394,552	0	-	3,334
Protect and Enhance Public Health	Fish Consumption	0	0	0	0	-	55,827
	Shellfishing	0	0	0	0	-	0
	Swimming	0	0	294,475	0	-	0
	Secondary Contact	0	0	394,052	0	-	3,834
	Drinking Water Supply	0	500	114,802	0	-	0
Social and Economic	Agriculture	0	0	94,802	0	-	0
	Cultural or Ceremonial	*	*	*	*	*	*

"\*" = Category not applicable

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"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

GOALS A	USE	SIZE FULLY SUPPORTING	SUPPORTING	PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	The second s
Protect & Enhance Ecosystems	Aquatic Life Support	14,943	400	9,685	0	-	18,100
Protect and Enhance Public Health	Fish Consumption	173	. 0	0	0	-	15,092
	Shellfishing	. 0	0	495	0	-	0
	Swimming	15,232	400	9,070	0	-	18,100
	Secondary Contact	15,558	400	9,069	0	-	18,100
	Drinking Water Supply	476	1	320	0	-	18,060
Social and Economic	Agriculture	0	0	9,209	0	-	18,060
	Cultural or Ceremonial	*	*	*	*	*	. *

## TABLE 5I. INDIVIDUAL USE SUPPORT SUMMARY: WETLANDS, FRESHWATER (Acres)

"\*" = Category not applicable

"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

#### TABLE 5J. INDIVIDUAL USE SUPPORT SUMMARY: WETLANDS, TIDAL (Acres)

GOALS	USE		SIZE SUPPORTING BUT THREATENED	SIZE PARTIALLY SUPPORTING	SIZE NOT SUPPORTING	SIZE NOT ATTAINABLE	SIZE NOT ASSESSED
Protect & Enhance Ecosystems	Aquatic Life Support	0	3	1,905	181	-	36,430
Protect and Enhance Public Health	Fish Consumption	0	-	-	165	-	0
	Shellfishing	-	-	-	-	-	850
	Swimming	0	0	0	167	_	866
	Secondary Contact	0	0	0	167	-	866
	Drinking Water Supply	*	*	*	*	*	*
Social and Economic	Agriculture	*	*	*	*	*	*
	Cultural or Ceremonial	*	*	*	*	*	*

"\*" = Category not applicable

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"-" = Category applicable but no data available

"0" = Category applicable, but size of waters in the category is zero

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#### F. Total Sizes of Waters Impaired by Various Cause Categories

The WBS database contains the portion (length or areal extent) of water bodies that are not fully supporting their designated uses (i.e., partially and not supporting uses) because of a specific pollutant or stressor. Causes are pollutants or stressors that contribute to the actual or threatened impairment of designated uses. Stressors are factors or conditions (other than specific pollutants) that cause impairment (e.g., flow and other habitat alterations, presence of exotic species).

Tables 6A-6I present, for each Water body type, the length or areal extent of all impaired water bodies that are affected by one or more of 30 specific categories. The measurements in Tables 6A-6I are not additive because a water body may be affected by several pollutants or stressors, and its size is counted in each relevant cause category.

The types of contributions to impairment used in Tables 6A-6I are defined as follows:

A "major" contributor is a pollutant or stressor that is either the only one responsible for nonsupport of any designated use or it predominates over other pollutants or stressors.

A "moderate" contributor is a pollutant or stressor that is the only one responsible for partial support of any use, predominates over other causes of partial support, or is one of multiple causes of nonsupport that have a significant impact on designated use attainment.

A "minor" contributor is a pollutant or stressor that is one of multiple causes responsible for nonsupport or partial support and is judged to contribute relatively little to this nonattainment.

#### TABLE 6A.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## BAYS AND HARBORS (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT		
CAUSE CATEGORY	MAJOR	MODERATE/MINOR	
Cause/Stressor unknown			
Toxicity (Unknown toxicant)	208	24,630	
Pesticides	10,505	164,212	
Priority organic chemical	860	252,520	
Nonpriority organic chemical		24,519	
Metals	25,206	283,235	
Ammonia			
Cyanide			
Sulfates			
Chlorine			
Other inorganics			
Nutrients		8,980	
рН			
Siltation	2,300	7,980	
Organic enrichment/low DO		1,540	
Salinity/TDS/chlorides			
Thermal modifications			
Flow alterations		145,740	
Other habitat alterations	12,000	142,631	
Pathogen indicators	3,993	7,433	
Radiation			
Oil and grease			
Taste and odor			
Suspended solids			
Noxious aquatic plants (macrophytes)		700	
Total toxics	178		
Turbidity			
Exotic species		145,560	
Excessive algal growth			
Inappropriate littoral vegetation			

#### TABLE 6B.

### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

# COASTAL SHORELINE (Miles)

	SIZE OF CONTRIBUTIO	WATERS BY N TO IMPAIRMENT
CAUSE CATEGORY	MAJOR	MODERATE/MINOR
Cause/Stressor unknown		
Toxicity (Unknown toxicant)		
Pesticides	2	10
Priority organic chemical		
Nonpriority organic chemical		
Metals		26
Ammonia		
Cyanide		
Sulfates		
Chlorine		
Other inorganics		
Nutrients		
рН		
Siltation		
Organic enrichment/low DO		
Salinity/TDS/chlorides		
Thermal modifications		
Flow alterations		
Other habitat alterations	•	
Pathogen indicators	26	65
Radiation		•
Oil and grease		
Taste and odor		
Suspended solids		
Noxious aquatic plants (macrophytes)		
Total toxics		
Turbidity		
Exotic species		
Excessive algal growth		
Inappropriate littoral vegetation		

## TABLE 6C.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

#### ESTUARIES (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT		
CAUSE CATEGORY	MAJOR	MODERATE/MINOR	
Cause/Stressor unknown			
Toxicity (Unknown toxicant)		50,338	
Pesticides		56,016	
Priority organic chemical		54,488	
Nonpriority organic chemical			
Metals	48,000	11,263	
Ammonia		1,011	
Cyanide			
Sulfates			
Chlorine			
Other inorganics			
Nutrients	1,678	5,013	
рН		28	
Siltation	390	9,884	
Organic enrichment/low DO	111	648	
Salinity/TDS/chlorides		48,044	
Thermal modifications	28	6,670	
Flow alterations	348	6,318	
Other habitat alterations	348	1,250	
Pathogen indicators	1,335	2,514	
Radiation			
Oil and grease		300	
Taste and odor			
Suspended solids			
Noxious aquatic plants (macrophytes)	330	386	
Total toxics		150	
Turbidity		308	
Exotic species	28	856	
Excessive algal growth			
Inappropriate littoral vegetation			

#### TABLE 6D.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

Personal application and a second	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT		
CAUSE CATEGORY	MAJOR	MODERATE/MINOR	
Cause/Stressor unknown		702	
Toxicity (Unknown toxicant)		3,908	
Pesticides	510	126,886	
Priority organic chemical		960	
Nonpriority organic chemical		382	
Metals	120,000	180,527	
Ammonia		1,672	
Cyanide			
Sulfates			
Chlorine			
Other inorganics			
Nutrients	188,280	12,511	
рН	:	973	
Siltation	120,000	12,715	
Organic enrichment/low DO	968	30,674	
Salinity/TDS/chlorides	971	566	
Thermal modifications		j	
Flow alterations		3,711	
Other habitat alterations		78	
Pathogen indicators	25,000		
Radiation		-	
Oil and grease			
Taste and odor	28	120,338	
Suspended solids		59	
Noxious aquatic plants (macrophytes)	43,688	124,865	
Total toxics		42,772	
Turbidity		59	
Exotic species			
Excessive algal growth			
Inappropriate littoral vegetation			

## LAKES / RESERVOIRS (Acres)

#### TABLE 6E.

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## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## OCEAN AND OPEN BAYS (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMEN		
CAUSE CATEGORY	MAJOR	MODERATE/MINOR	
Cause/Stressor unknown	0	0	
Toxicity (Unknown toxicant)	0	0	
Pesticides	0	0	
Priority organic chemical	0	0	
Nonpriority organic chemical	0	0	
Metals	0	0	
Ammonia	0	0	
Cyanide	0	0	
Sulfates	0	0	
Chlorine	0	0	
Other inorganics	0	0	
Nutrients	0	0	
рН	0	0	
Siltation	0	0	
Organic enrichment/low DO	0	0	
Salinity/TDS/chlorides	0	0	
Thermal modifications	0	0	
Flow alterations	0	0	
Other habitat alterations	0	0	
Pathogen indicators	0	0	
Radiation	0	0	
Oil and grease	0	0	
Taste and odor	0	0	
Suspended solids	0	0	
Noxious aquatic plants (macrophytes)	0	0	
Total toxics	0	0	
Turbidity	0	0	
Exotic species	0	0 .	
Excessive algal growth	0	0	
Inappropriate littoral vegetation	0	0	

## TABLE 6F.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## RIVERS / STREAMS (Miles)

	SIZE OF CONTRIBUTIO	WATERS BY N TO IMPAIRMENT
CAUSE CATEGORY	MAJOR	MODERATE/MINOR
Cause/Stressor unknown		
Toxicity (Unknown toxicant)	296	785
Pesticides	313	2,281
Priority organic chemical	70	198
Nonpriority organic chemical		19
Metals	584	3,125
Ammonia	31	527
Cyanide		
Sulfates		
Chlorine	14	16
Other inorganics		132
Nutrients	212	3,302
рН	25	180
Siltation	160	4,406
Organic enrichment/low DO	50	859
Salinity/TDS/chlorides	285	1,113
Thermal modifications		1,130
Flow alterations	717	474
Other habitat alterations	114	1,694
Pathogen indicators	231	2,559
Radiation		
Oil and grease		140
Taste and odor		62
Suspended solids	11	1,112
Noxious aquatic plants (macrophytes)	19	218
Total toxics	16	560
Turbidity	77	336
Exotic species		11
Excessive algal growth		
Inappropriate littoral vegetation		

## TABLE 6G.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## SALINE LAKES (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT			
CAUSE CATEGORY	MAJOR	MODERATE/MINOR		
Cause/Stressor unknown				
Toxicity (Unknown toxicant)				
Pesticides				
Priority organic chemical				
Nonpriority organic chemical				
Metals	55,328	295,827		
Ammonia				
Cyanide				
Sulfates				
Chlorine				
Other inorganics	129,907			
Nutrients				
рН	92,282			
Siltation		55,327		
Organic enrichment/low DO				
Salinity/TDS/chlorides	132,830	300,077		
Thermal modifications				
Flow alterations	139,052	500		
Other habitat alterations	35,000	1,400		
Pathogen indicators		220,000		
Radiation		35,000		
Oil and grease				
Taste and odor				
Suspended solids				
Noxious aquatic plants (macrophytes)				
Total toxics	110,328			
Turbidity				
Exotic species				
Excessive algal growth				
Inappropriate littoral vegetation				

#### TABLE 6H.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## WETLANDS, FRESHWATER (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
CAUSE CATEGORY	MAJOR	MODERATE/MINOR
Cause/Stressor unknown		
Toxicity (Unknown toxicant)		866
Pesticides		1,420
Priority organic chemical		936
Nonpriority organic chemical		
Metals	8,229	13,218
Ammonia		
Cyanide		
Sulfates		
Chlorine		· · · · · · · · · · · · · · · · · · ·
Other inorganics		1
Nutrients		1,482
На		
Siltation		1,136
Organic enrichment/low DO		345
Salinity/TDS/chlorides	8,226	39,571
Thermal modifications		
Flow alterations		27,477
Other habitat alterations	3	41,596
Pathogen indicators		34
Radiation		
Oil and grease		468
Taste and odor		
Suspended solids		
Noxious aquatic plants (macrophytes)		
Total toxics	1	2
Turbidity		
Exotic species		
Excessive algal growth		
Inappropriate littoral vegetation		

### TABLE 6I.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

## WETLANDS, TIDAL (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
CAUSE CATEGORY	MAJOR	MODERATE/MINOR
Cause/Stressor unknown		
Toxicity (Unknown toxicant)		14
Pesticides	14	3
Priority organic chemical		
Nonpriority organic chemical		14
Metals	151	57,029
Ammonia		16
Cyanide		
Sulfates		
Chlorine		
Other inorganics		
Nutrients		57,000
рН		16
Siltation		
Organic enrichment/low DO		57,000
Salinity/TDS/chlorides		57,000
Thermal modifications		
Flow alterations		151
Other habitat alterations		151
Pathogen indicators	16	
Radiation		
Oil and grease		
Taste and odor		
Suspended solids		
Noxious aquatic plants (macrophytes)		
Total toxics		
Turbidity		
Exotic species		151
Excessive algal growth		
Inappropriate littoral vegetation		

#### G. Total Sizes of Waters Impaired by Various Source Categories

The WBS database contains the portion (length or areal extent) of water bodies that are not fully supporting their designated uses (i.e., partially and not supporting uses) that are affected by a specific source. Sources are the facilities or activities that contribute pollutants or stressors resulting in impairment of designated uses in a water body.

Tables 7A-7I present, for each Water body type, the total length or areal extent of all impaired water bodies that are affected by each category of source. In Tables 7A-7I the measurements are not additive because a water body may be affected by several different sources of pollution and the appropriate size is counted in each relevant cause category.

The definitions for the types of contributions to impairment used in Tables 7A-71 are as follows:

A "major" contributor is a source that is either the only one responsible for nonsupport of any designated use or it predominates over other sources.

A "moderate" contributor is a source that is the only one responsible for partial support of any use, predominates over other sources of partial support, or is one of multiple sources of nonsupport that have a significant impact on designated use attainment.

A "minor" contributor is a source that is one of multiple sources responsible for nonsupport or partial support and is judged to contribute relatively little to this nonattainment.

#### TABLE 7A.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

## **BAYS AND HARBORS (Acres)**

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources	139,000	170,606
Municipal Point Sources		304,960
Combined Sewer Overflows	1,540	
Agriculture	2,460	234,412
Crop-related sources	160	2,300
Grazing-related sources		16,320
Intensive animal feeding operations		
Silviculture		
Construction		
Urban Runoff/Storm Sewers	13,540	184,087
Resource Extraction	252,520	35,120
Land Disposal	5	413
Hydromodification	145,560	24,680
Habitat Modification (non-hydromod)		700
Marinas		7,899
Erosion from Derelict Land		
Atmospheric Deposition		269,160
Septage Disposal	4,860	7,820
Leaking Underground Storage Tanks		202,880
Highway Maintenance and Runoff		
Spills (Accidental)		25,049
Contaminated Sediments		25,446
Debris and Bottom Deposits		
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources		269,288
Recreational Activities		
Salt Storage Sites		
Ground Water Loadings		104,400
Ground Water Withdrawal		
Other	12,000	104,400
Unknown Source		254,738
Sources Outside State Jurisdiction/Borders		

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### TABLE 7B.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

## COASTAL SHORELINE (Miles)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources		1
Municipal Point Sources		
Combined Sewer Overflows		
Agriculture		28
Crop-related sources		
Grazing-related sources		
Intensive animal feeding operations		
Silviculture		
Construction		3
Urban Runoff/Storm Sewers	5	86
Resource Extraction		25
Land Disposal		
Hydromodification		
Habitat Modification (non-hydromod)		
Marinas		1
Erosion from Derelict Land		
Atmospheric Deposition		
Septage Disposal		24
Leaking Underground Storage Tanks		
Highway Maintenance and Runoff		
Spills (Accidental)		60
Contaminated Sediments		
Debris and Bottom Deposits	· · · · ·	
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources		16
Recreational Activities		
Salt Storage Sites		
Ground Water Loadings		
Ground Water Withdrawal		
Other		
Unknown Source		
Sources Outside State Jurisdiction/Borders	l	

#### TABLE 7C.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

#### ESTUARIES (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT,	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources	3,720	50,350
Municipal Point Sources		3,838
Combined Sewer Overflows	150	651
Agriculture	757	58,192
Crop-related sources		2,864
Grazing-related sources	319	2,000
Intensive animal feeding operations		330
Silviculture		
Construction	1,039	1,813
Urban Runoff/Storm Sewers	901	57,446
Resource Extraction	51,400	
Land Disposal	150	2,386
Hydromodification	6,963	48,785
Habitat Modification (non-hydromod)	413	1
Marinas		
Erosion from Derelict Land		
Atmospheric Deposition		3,400
Septage Disposal		37
Leaking Underground Storage Tanks		
Highway Maintenance and Runoff	413	
Spills (Accidental)		331
Contaminated Sediments	330	2,886
Debris and Bottom Deposits		
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources		6,246
Recreational Activities	28	32
Salt Storage Sites		
Ground Water Loadings		
Ground Water Withdrawal		
Other		
Unknown Source		51,824
Sources Outside State Jurisdiction/Borders		

#### TABLE 7D.

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#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

#### LAKES / RESERVOIRS (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources	295	
Municipal Point Sources		
Combined Sewer Overflows		
Agriculture	3000	36,861
Crop-related sources		59
Grazing-related sources	3000	35,036
Intensive animal feeding operations		
Silviculture	120,000	1,410
Construction	120,000	29,042
Urban Runoff/Storm Sewers	120,320	9,346
Resource Extraction	77,865	30,675
Land Disposal	120,160	
Hydromodification	121,800	19,123
Habitat Modification (non-hydromod)	122,280	3,640
Marinas	120,000	700
Erosion from Derelict Land		
Atmospheric Deposition	120,000	4,617
Septage Disposal		25,952
Leaking Underground Storage Tanks		
Highway Maintenance and Runoff	120,000	25,320
Spills (Accidental)		19
Contaminated Sediments		431
Debris and Bottom Deposits		·
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources	12,930	44,878
Recreational Activities		3,937
Salt Storage Sites		
Ground Water Loadings		
Ground Water Withdrawal		
Other	25	2,601
Unknown Source	163,000	56,701
Sources Outside State Jurisdiction/Borders		

## TABLE 7E.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

## OCEAN AND OPEN BAYS (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources	0	0
Municipal Point Sources	0	0
Combined Sewer Overflows	0	0
Agriculture	0	0
Crop-related sources	0	0
Grazing-related sources	0	0
Intensive animal feeding operations	0	0
Silviculture	0	0
Construction	0	0
Urban Runoff/Storm Sewers	0	0
Resource Extraction	0	0
Land Disposal	0	0
Hydromodification	0	0
Habitat Modification (non-hydromod)	0	0
Marinas	0	0
Erosion from Derelict Land	0	0
Atmospheric Deposition	0	0
Septage Disposal	0	0
Leaking Underground Storage Tanks	0	0
Highway Maintenance and Runoff	0	0
Spills (Accidental)	0	0
Contaminated Sediments	0	0
Debris and Bottom Deposits	0	0
Internal Nutrient Cycling (primarily lakes)	0	0
Sediment Resuspension	0	0
Natural Sources	0	0
Recreational Activities	0	0
Salt Storage Sites	0	0
Ground Water Loadings	0	0
Ground Water Withdrawal	0	0
Other	0	0
Unknown Source	0	0
Sources Outside State Jurisdiction/Borders	0	0

## TABLE 7F.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

#### RIVERS / STREAMS (Miles)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources	34	612
Municipal Point Sources	24	1,144
Combined Sewer Overflows		7
Agriculture	466	3,493
Crop-related sources	81	1,612
Grazing-related sources	17	1,464
Intensive animal feeding operations		88
Silviculture	63	1,854
Construction	188	612
Urban Runoff/Storm Sewers	95	1,727
Resource Extraction	661	805
Land Disposal	10	207
Hydromodification	518	557
Habitat Modification (non-hydromod)	200	817
Marinas		1
Erosion from Derelict Land		
Atmospheric Deposition		93
Septage Disposal		220
Leaking Underground Storage Tanks		114
Highway Maintenance and Runoff		258
Spills (Accidental)		327
Contaminated Sediments	19	
Debris and Bottom Deposits		
Internal Nutrient Cycling (primarily lakes)		· ·
Sediment Resuspension		
Natural Sources	51	1,858
Recreational Activities	12	255
Salt Storage Sites		
Ground Water Loadings		10
Ground Water Withdrawal	120	65
Other		159
Unknown Source	1	1008
Sources Outside State Jurisdiction/Borders	60	

## TABLE 7G.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

#### SALINE LAKES (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources		
Municipal Point Sources		
Combined Sewer Overflows		
Agriculture		351,807
Crop-related sources		220,000
Grazing-related sources		1,400
Intensive animal feeding operations		
Silviculture		
Construction		55,827
Urban Runoff/Storm Sewers		
Resource Extraction		
Land Disposal		
Hydromodification	90,327	75,080
Habitat Modification (non-hydromod)		
Marinas		
Erosion from Derelict Land		
Atmospheric Deposition		
Septage Disposal		
Leaking Underground Storage Tanks		
Highway Maintenance and Runoff		
Spills (Accidental)		
Contaminated Sediments		
Debris and Bottom Deposits		
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources	158,323	12,755
Recreational Activities		· · · · · · · · · · · · · · · · · · ·
Salt Storage Sites		
Ground Water Loadings		
Ground Water Withdrawal		119,052
Other		
Unknown Source	26,100	35,000
Sources Outside State Jurisdiction/Borders		

#### TABLE 7H.

#### TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

#### WETLANDS, FRESHWATER (Acres)

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR
Industrial Point Sources		
Municipal Point Sources		
Combined Sewer Overflows		
Agriculture	8,226	42,941
Crop-related sources		615
Grazing-related sources		29,113
Intensive animal feeding operations		
Silviculture		12,001
Construction	1	1,220
Urban Runoff/Storm Sewers	1	1,316
Resource Extraction	2	2
Land Disposal		402
Hydromodification	1	27,477
Habitat Modification (non-hydromod)	451	356
Marinas		
Erosion from Derelict Land		
Atmospheric Deposition		·
Septage Disposal		2
Leaking Underground Storage Tanks		1
Highway Maintenance and Runoff		
Spills (Accidental)		1
Contaminated Sediments		
Debris and Bottom Deposits		
Internal Nutrient Cycling (primarily lakes)		
Sediment Resuspension		
Natural Sources	3	39,410
Recreational Activities		1
Salt Storage Sites		
Ground Water Loadings		1
Ground Water Withdrawal		
Other		12,001
Unknown Source		3
Sources Outside State Jurisdiction/Borders		·

#### TABLE 7I.

## TOTAL SIZES OF WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

## WETLANDS, TIDAL (Acres)

	SIZE C CONTRIBUT	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT	
SOURCE CATEGORY	MAJOR	MODERATE/MINOR	
Industrial Point Sources		16	
Municipal Point Sources			
Combined Sewer Overflows			
Agriculture		57,000	
Crop-related sources			
Grazing-related sources			
Intensive animal feeding operations			
Silviculture			
Construction			
Urban Runoff/Storm Sewers		57,183	
Resource Extraction			
Land Disposal			
Hydromodification		57,151	
Habitat Modification (non-hydromod)		151	
Marinas			
Erosion from Derelict Land			
Atmospheric Deposition			
Septage Disposal			
Leaking Underground Storage Tanks			
Highway Maintenance and Runoff			
Spills (Accidental)		19	
Contaminated Sediments			
Debris and Bottom Deposits			
Internal Nutrient Cycling (primarily lakes)			
Sediment Resuspension			
Natural Sources		184	
Recreational Activities		151	
Salt Storage Sites			
Ground Water Loadings			
Ground Water Withdrawal			
Other			
Unknown Source			
Sources Outside State Jurisdiction/Borders			

#### H. Public Health Concerns

#### **1.** Sizes of Waters Affected by Toxicants

Toxic substances are a major emphasis of the 1998 water quality assessment. The information assessed includes types of media and pollutants monitored, results of toxic substance monitoring, sediment contamination, toxic constituents in fish and shellfish tissue, fish kills and abnormalities, fishing advisories or bans, and specific sources of toxics for impaired waters. This information is contained in the WBS database as individual water body assessments. The results are reflected in the various cause and source categories used for reporting impairment from toxic substances, the designated use support status determinations, and assessment comments.

Table 8 summarizes the total size of waters monitored for and impacted by toxic substances for each of the water body types. This shows all waters found to be impacted by pesticides, priority organics, nonpriority organics, metals, ammonia, chlorine, other inorganics, or toxicity (toxicant unknown) with either a high or moderate contribution to impairment. It should be noted that this summary includes not only waters which do not support their designated uses, but also waters where uses are currently supported, but are considered threatened by toxic substances.

#### TABLE8

WATER BODY TYPE	SIZE MONITORED FOR TOXICS	SIZE WITH ELEVATED LEVELS OF TOXICANTS
Bays and Harbors (acres)	469,749	319,657
Coastal Shoreline (miles)	109	10
Estuaries (acres)	60,416	51,576
Ground Water (square miles)	34,686	24,858
Lakes / Reservoirs (acres)	562,041	218,165
Ocean and Open Bays (acres)	0	0
Rivers / Streams (miles)	7,416	3,884
Saline Lakes (acres)	367,783	121,683
Wetlands, Freshwater (acres)	13,144	9,528
Wetlands, Tidal (acres)	184	181

#### TOTAL SIZE AFFECTED BY TOXICANTS

## 2. Health Warnings

The Office of Environmental Health Hazard Assessment (OEHHA) determines whether a public health hazard exists in eating fish or waterfowl from certain locations in California. These risk assessments are based on laboratory testing data and monitoring for toxic substances in fish tissue. Over the past several years the health advisories listed in Table 9 have been issued by OEHHA and listed in the California Sport Fishing Regulations published by the Fish and Game commission and by the California Department of Fish and Game. The percent area of rivers and lakes in California with fish consumption advisories is shown in Table 10.

TABLE 9
FISH CONSUMPTION ADVISORIES FOR CALIFORNIA WATERS

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	WATER BODY	HYDROLOGICAL			SIZE OF AREA		
REGION	TYPE	SUB UNIT AREA	COUNTY	WATER BODY NAME	RESTRICTED	CONTAMINANT	FISH WITH RESTRICTED CONSUMPTION
1	Lake	109.530	Lake	Clear Lake	43,000 acres	Mercury	Largemouth bass, White catfish, Channel catfish, Brown bullhead, Blackfish, Crappie, and Hitch
2	Bay & Estuary	Several	-Several	San Francisco Bay and Delta	NA*	Mercury, PCBs and other chemicals	Striped bass, Sturgeon, Croakers, (Richmond Harbor Channel only:Surfperches, Bullheads, Gobies, and Shellfish)
2	Lake	207.210	Solano	د Lake Herman	110 acres	Mercury	Largemouth bass
2	Reservoir	205.400	Santa Clara	Guadalupe Reservoir	80 acres	Mercury	Any type of fish
2	Reservoir	205.400	Santa Clara	Calero Reservoir	350 acres	Mercury	Any type of fish
2	Reservoir	205.400	Santa Clara	Almaden Reservoir	62 acres	Mercury.	Any type of fish
2	River	205.400	Santa Clara	Guadlupe River and associated percolation ponds	30 miles	Mercury	Any type of fish
2	Creek	205.400	Santa Clara	Guadlupe Creek and associated percolation ponds	6 miles	Mercury	Any type of fish
2	Creek	205.400	Santa Clara	Alamitos Creek and associated percolation ponds	21 miles	Mercury	Any type of fish
3	Lake	309.820	San Luis Obispo	Lake Nacimiento	5,370 acres	Mercury	Largemouth bass
4	Bay	404.356	Los Angeles	Point Dume, Malibu (Malibu Bay)	NA*	PCBs and DDT	White croaker
4	Bay	404.210	Los Angeles	Malibu Pier (Malibu Bay)	NA*	PCBs and DDT	Queen fish
4	Bay	413.000	Los Angeles	Short Bank (Malibu Bay)	NA*	PCBs and DDT	White croaker
4	Bay	405.120	Los Angeles	Redondo Pier (Malibu Bay)	NA*	PCBs and DDT	Corbina
4	Вау	405.110	Los Angeles	Point Vicente Palos Verde-Northwest (Malibu Bay)	NA*	PCBs and DDT	White croaker
4	Bay	405.110	Los Angeles	White's Point (Malibu Bay)	NA*	PCBs and DDT	White croaker, Sculpin, Rockfishes, Kelp bass
4	Вау	405.120	Los Angeles	Los Angeles/Long Beach Harbor (esp. Cabrillo Pier) (San Pedro Bay)	NA*	PCBs and DDT	White croaker, Queenfish, Black croaker, Surfperches
4	Вау	405.120	Los Angeles	Los Angeles/Long Beach Breakwater (Ocean side) (Long Beach Harbor)	NA*	PCBs and DDT	White croaker, Queenfish, Black croaker, Surfperches
4	Bay	405.120	Los Angeles	Belmont Pier, Pier J (Long Beach Harbor)	NA*	PCBs and DDT	Surfperches
4	Ocean	413.000	Los Angeles	Horseshoe Kelp	NA*	PCBs and DDT	Sculpin
5	Lake	512.210	Napa	Lake Berryessa	20,700 acres	Mercury	Largemouth bass, Smallmouth bass, White catfish, Channel catfish, Rainbow trout
4	Lake	405.120	Los Angeles	Machado Lake (Harbor Park Lake)	45.2 acres	Chlordane and DDT	Goldfish, Carp
5.	Rivers	541.200	Merced	Grasslands	35 miles	Selenium	Any type of fish
7	Lake	728.000	Imperial and Riverside	Salton Sea	220,000 acres	Selenium	Croaker, Orangemouth corvina, Sargo, and Tilapia
8	Bay	801.110	Orange	Newport Pier (Newport Bay)	NA*	PCBs and DDT	White croaker, Corbina

NA - size of restricted area is unclear

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# TABLE 10.PERCENT AREA OF LAKES AND RIVERS WITH FISH CONSUMPTION RESTRICTIONS

WATER BODY TYPE	TOTAL AREA IN CALIFORNIA	TOTAL AREA WITH RESTRICTIONS	PERCENT AREA WITH RESTRICTIONS
Lakes	1,672,684 acres	291,717 acres	17.4
Rivers	211,513 miles	92 miles	0.04

## 3. Ocean Beaches Affected By Bathing Area Closures

Chapter 961, Statutes of 1992 (SB 1865, Hart) requires the Director of Environmental Health of each coastal county to report to the SWRCB annually by March 30 the number of beach closures due to threats to public health within their jurisdiction. The SWRCB is then required to submit this information to the Legislature by the following September 30. In 1996, there were 187 beach closures, 63 more than in 1995. Table 11 lists the number of beach closures/postings for 1996 for each coastal county, organized geographically from north to south.

The vast majority of the closures were due to the release of inadequately treated sewage resulting from broken, blocked, or damaged lines, heavy influx of rainwater, power outages, and pump failures. The other causes of closures included urban runoff and unknown sources. One beach in Orange County was closed due to the appearance of about 250 syringes on the beach. The county beaches north of San Francisco continued to have good water quality. Most closures occurred from Santa Barbara County south. This difference between north and south is consistent from year to year and is linked to the greater recreational use of beaches in the southern half of the State. Monitoring programs are generally more extensive in southern California and more vigorous monitoring often reveals more contamination. Also, the mild weather in southern California allows for beach recreation during the rainy season, and rainfall runoff often leads to closures.

Seven counties reported no closures for both 1995 and 1996. Three counties showed an increased number of closures but a decrease in the overall

number of days closed. Four counties reported fewer closures. San Mateo County reported the largest increase, more than tripling the number of closures. Staff at the San Mateo County Health Department attributed the increase to the reinstatement of a routine monitoring program. Health Department staff felt these data show the value of routine monitoring; if you look more often you may discover more problems.

Comparisons of closure totals among counties are difficult to interpret. One reason for this is the local system for naming a beach. A named beach in one county may be only a few hundred yards long, whereas a beach in a different county can be five miles long. Some agencies do not report individual beach names in their reports to the SWRCB. Therefore, identifying a closure incident does not reveal the length of coastline affected. Some counties routinely post storm drains but do not include these data in their yearly report.

The more heavily urbanized shorelines have more closures than less populated areas. City storm drains can carry contaminated runoff directly to the ocean. A recent report from the Santa Monica Bay Restoration Project linked an increased risk of intestinal and respiratory illness with swimming in water contaminated with storm water drainage. This information has led to permanent warnings in areas where city storm drains empty to the ocean.

Other factors that confound trend analysis include the following:

- Professional judgement and past experience often form the sole basis for closing a beach. Different conditions may trigger closures in different counties.
  - Yearly changes in the duration and intensity of rainfall events affect the number of beach closures. It is difficult to make comparisons as beach closures can be caused by prolonged wet weather in "wet years" as well as cloudbursts in low rainfall years.

Part of the response to past beach closure problems associated with overflows and sewerage systems spills involves increased monitoring, which has the potential to reveal more problems.

The SWRCB and the coastal RWQCBs operate several programs to address the causes of beach closures. The core regulatory program of permitting, enforcement, and compliance monitoring plays a vital role. For example, the responsible sewerage entity must report sewage spills of greater than 100 gallons to the appropriate RWQCB. In addition to follow-up activities, such incidents are tabulated and presented to RWQCB members at their monthly public meetings. In regard to oil spills, the typical reportable quantity is one barrel and such instances are reported to the Office of Emergency Services which in turn contacts the appropriate RWQCB. Where urban runoff has caused a closure, the recent implementation of storm water permits under the National Pollutant Discharge Elimination System (federal permits program) will assist in follow-up action. Other programs which assist in addressing the cause of beach closures include cooperative and public outreach partnership endeavors such as the Santa Monica Bay Restoration Project, the development of ocean water quality standards (California Ocean Plan), and funding assistance such as the State Revolving Fund Program.

## TABLE 11

## **CALIFORNIA BEACH CLOSURES DURING 1996**

COUNTY (NORTH TO SOUTH)	NUMBER OF CLOSURES/POSTINGS	NUMBER OF DAYS CLOSED/POSTED	REASON(S)
Del Norte	0	0	
Humboldt	0	0	
Mendocino	0	0	
Sonoma	0	0	
Marin	0	0	
San Francisco	30	190	Rain and construction
Contra Costa	0	0	
Alameda	0	0	
San Mateo	48	1,144	Sewage
Santa Cruz	1	3	Sewage
Monterey	0	0	
San Luis Obispo	2	40	Storm runoff
Santa Barbara	5	86	Sewage spills, urban runoff
Ventura	1	3	Sewage spill
Los Angeles	4	10	Discharge of inadequately treated sewage
Orange	22	277	Pump failure, line blockage, one closure involved 250 syringes found on beach
San Diego	74	1,365	Sewage, urban runoff, 3 of the 74 are permanent closures (accounts for 1,095 of days closed)

#### IV. GROUND WATER ASSESSMENT

California includes ground waters in its statewide WBS database. The WBS database provides the major and minor causes and sources affecting the water quality of a particular ground water basin. The causes and sources of impairment for each ground water assessed in the WBS database are presented in Table 12A. The causes and sources shown for each ground water impairment are not necessarily linked. Tables 12B and 12C present the total area of ground waters in the WBS impaired by various cause and source categories, respectively. Table 12B and 12C were developed in the same manner as Tables 6A-61 and Tables 7A-71 in Section III (Surface Water Assessment).

## TABLE 12A. CAUSES AND SOURCES OF GROUND WATER IMPAIRMENT

REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
1	ALEXANDER VALLEY AREA	114.25	Oil and grease	23	Lust/Leaking Undergrnd Stor. Tanks	23	23
			Priority organics	23			
1	ANDERSON VALLEY	1-190	Oil and grease	5	Lust/Leaking Undergrnd Stor. Tanks	5	5
			Priority organics	5	Petroleum Activities	5	
					Resource Extraction	5	
					Spills	5	
1	ANNAPOLIS OHLSON RANCH	1-490	Oil and grease	10	Lust/Leaking Undergrnd Stor. Tanks	10	10
1	BIG RIVER VALLEY	1-450	Oil and grease	5	Lust/Leaking Undergrnd Stor. Tanks	5	5
			Priority organics	5	Spills	5	
1	BODEGA BAY AREA	1-210	Oil and grease	5	Lust/Leaking Undergrnd Stor. Tanks	5	5
			Petroleum/Gasoline	5	Spills	5	
			Priority organics	5			
1	CLOVERDALE AREA	114.25	Oil and grease	9	Lust/Leaking Undergrnd Stor. Tanks	9	9
			Pesticides	9	Spills	9	
			Priority organics	9			
1	EEL RIVER VALLEY	1-100	Oil and grease	0	Lust/Leaking Undergrnd Stor. Tanks	120	120
			Priority organics	0	Spills	120	
1	EUREKA PLAIN	1-90	Oil and grease	60	Land Disposal	60	60
			Priority organics	60	Landfills	60	
					Lust/Leaking Undergrnd Stor. Tanks	60	
					Petroleum Activities	60	
					Resource Extraction	60	
					Spills	60	
1	FORT BRAGG TERRACE AREA	1-210	Oil and grease	24	Lust/Leaking Undergrnd Stor. Tanks	24	24
			Priority organics	24	Spills	24	
1	GARBERVILLE TOWN AREA	1-320	Oil and grease	0	Lust/Leaking Undergrnd Stor. Tanks	5	5
			Priority organics	0	Spills	5	
1	GUALALA RIVER VALLEY	1-470	Oil and grease	5	Lust/Leaking Undergrnd Stor. Tanks	5	5
			Priority organics	5			
1	HEALDSBURG AREA	114.25	Oil and grease	27	Lust/Leaking Undergrnd Stor. Tanks	27	27
	_ · ·		Priority organics	27	Spills	. 27	

Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

REGIO	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
1	LEGGETT AREA	1000000	Oil and grease	2	Lust/Leaking Undergrnd Stor. Tanks	2	2
			Priority organics	2			
1	LITTLE LAKE VALLEY	1-130	Oil and grease	17	Lust/Leaking Undergrnd Stor. Tanks	17	17
	_		Priority organics	17	Spills	17	
1	LOWER RUSSIAN RIVER VALLEY	114.10	Oil and grease	9	Lust/Leaking Undergrnd Stor. Tanks	9	9
•		114.10	Priority organics	9	Spills	9	5
		4 00					~~
1	MAD RIVER VALLEY	1-80	Oil and grease Priority organics	<u>60</u> 60	Lust/Leaking Undergrnd Stor. Tanks Spills	<u>60</u> 60	60
				00		00	
1	MODOC PLATEAU PVA	1-240	Oil and grease	3000	Lust/Leaking Undergrnd Stor. Tanks	3000	3000
			Priority organics	3000	Petroleum Activities	3000	
					Resource Extraction	3000	
					Spills	3000	
1	SANTA ROSA PLAINS	114.22	Metals	96	Agriculture	96	96
			Nutrients	96	Lust/Leaking Undergrnd Stor. Tanks	96	
			Oil and grease	96	Petroleum Activities	96	
			Priority organics	96	Resource Extraction	96	
					Spills	96	
1	SHASTA VALLEY	1-40	Oil and grease	340	Lust/Leaking Undergrnd Stor. Tanks	340	340
			Pesticides	0	Petroleum Activities	340	
			Priority organics	0	Resource Extraction	340	
					Spills	340	
1	SMITH RIVER PLAIN	1-10	Pesticides	70	Agriculture	70	70
			Petroleum/Gasoline	70	Lust/Leaking Undergrnd Stor. Tanks	70	
			Priority organics	70	Spills	70	
1		114.31	Metals	16	Lust/Leaking Undergrnd Stor. Tanks	16	16
•			Priority organics	16	Petroleum Activities	16	
					Resource Extraction	16	
					Spills	16	
1		1000000	Petroleum/Gasoline	2	Lust/Leaking Undergrnd Stor. Tanks	2	2
ſ			Priority organics	2	Spills	2	-
		4000000					
1	WINDSOR AREA	1000000	Metals	2	Lust/Leaking Undergrnd Stor. Tanks	2	2
			Oil and grease	2	Spills	2	

## TABLE 12A. CAUSES AND SOURCES OF GROUND WATER IMPAIRMENT

Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
· · ·			Priority organics	2			
2	ALAMEDA CREEK (NILES CONE) GW	204.300	. Nonpriority organics	96	Lust/Leaking Undergrnd Stor. Tanks	96	97
			Priority organics	96	, , , , , , , , , , , , , , , , , , , ,		
			Salinity/TDS/chlorides	96			
2	LIVERMORE VALLEY GW	204.300	Nonpriority organics	170	Lust/Leaking Undergrnd Stor. Tanks	170	170
2	PETALUMA VALLEY GW	206.300	Pathogens/Path.Indicators	41	Agriculture	41	41
2	SANTA CLARA VALLEY GW	205.300	Nonpriority organics	20	Lust/Leaking Undergrnd Stor. Tanks	20	240
			Priority organics	20	j.		
			Salinity/TDS/chlorides	20			

## TABLE 12A. CAUSES AND SOURCES OF GROUND WATER IMPAIRMENT

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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
3	ARROYO GRANDE VALLEY-NIPOMO	310.320	Chloroform	90	Industrial Point Sources	90	90
	MESA AREA		Priority organics	90	Source Unknown	90	
			Toluene	90			
			Total Trihalomethanes	90			
3	BIG SUR GROUNDWATER BASIN	308.000	Chloroform	1	Source Unknown	1	1
			Dibromochloromethane/DBCM	1			
			Freon II	1			
			Nonpriority organics	1			
			Priority organics	1			
3	CARMEL VALLEY	307.000	Chloroform	10	Agriculture	10	10
			Nitrates	10	Source Unknown	10	
			Nutrients	10			
			PCE/Tetrachloroethylene	10			
			Priority organics	10			
3	CHORRO VALLEY	310.220	Bromodichloromethane/BDCM	20	Agricultural Return Flows	20	20
			Chloroform	20	Agriculture	20	
			Flow alteration	20	Groundwater Withdrawal	20	
			Nitrates	20	Irrigated Crop Production	20	
			Nutrients	20	Land Disposal	20	
			Priority organics	20	Municipal Point Sources	20	
			Salinity/TDS/chlorides	4	Nonpoint Source	20	
					Point Source(unspecified)	20	
					Saltwater Intrusion	20	
					Source Unknown	20	
3	CUYAMA VALLEY	312.000	Priority organics	105	Industrial Point Sources	105	105
			Toluene	105			
3	GILROY-HOLLISTER	305.000	Nitrates	350	Agriculture	350	350
			Nutrients	350	Industrial Point Sources	350	
			PCE/Tetrachloroethylene	350	Source Unknown	350	
			Priority organics	350			
			TCA/Trichloroethane	350			
			TCE/Trichloroethylene	350			
3	GOLETA BASIN	315.310	Bromoform	16	Source Unknown	16	16
			Chloroform	16			

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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			Dichlorobromomethane/DCBM	16			
			Freon II	16			
			Nonpriority organics	16			
			Priority organics	16			
			Total Trihalomethanes	16			
3	LANGLEY AREA GROUNDWATER	300.000	Nitrates	27	Agriculture	27	27
	BASIN		Nutrients	27			
3	LOS OSOS VALLEY	310.220	Nitrates	20	Agriculture	20	20
			Nutrients	20	Groundwater Loadings	20	
			Salinity/TDS/chlorides	20	Groundwater Withdrawal	20	
					Irrigated Crop Production	20	
					Nonpoint Source	20	
					Saltwater Intrusion	20	
					Septage Disposal	20	
3	MONTECITO AREA	315.330	Chloroform	3	Source Unknown	3	3
			Dichloroethylene/DCE	3			
			Priority organics	3			
			TCA/Trichloroethane	3			
3	PAJARO VALLEY	305.000	Bromodichloromethane/BDCM	120	Agricultural Return Flows	120	120
			Bromoform	120	Agriculture	120	
			Chloroform	120	Groundwater Loadings	120	
			Chromium	120	Groundwater Withdrawal	120	
			Dibromochloromethane/DBCM	120	Industrial Point Sources	120	
			Diethylhexylpthalate/DEHP	120	Irrigated Crop Production	120	
			Iron	120	Nonpoint Source	120	
			Lead	120	Point Source(unspecified)	120	
			Manganese	120	Source Unknown	120	
			Mercury	120			
			Metals	120			
			Nonpriority organics	120			
			Nutrients	120			
			PCE/Tetrachloroethylene	120			
			Priority organics	120			
			Salinity/TDS/chlorides	120			

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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

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 REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			Saltwater Intrusion	120			
			Sulfates	120			
			TCE/Trichloroethylene	120			
			Total Trihalomethanes	120			
3	PASO ROBLES BASIN	309.800	Bromodichloromethane/BDCM	886	Source Unknown	886	886
			Bromoform	886			
			Chloroform	886			<b>a</b> 1
			Dichlorobenzene	886			
			Dichloroethylene/DCE	886			
			Freon II	886			
			Nonpriority organics	886			
			Priority organics	886			
			Toluene	886			
			Total Trihalomethanes	886			
3	SALINAS VALLEY, EASTSIDE	309.000	Dichloroethane/DCA	124	Agriculture	124	124
	AQUIFER		Freon II	124	Agriculture-irrigation tailwater	124	
			Nitrates	124	Animal Operations	124	
			Nonpriority organics	124	Natural Sources	124	
			Nutrients	124	Septage Disposal	124	
			PCE/Tetrachloroethylene	124	Source Unknown	124	
			Priority organics	124			
			Salinity/TDS/chlorides	124			
			Toluene	124			
3	SALINAS VALLEY, FOREBAY	309.000	Nitrates	167	Agriculture	167	167
			Nutrients	167	Animal Operations	167	
			Priority organics	167	Lust/Leaking Undergrnd Stor. Tanks	167	
			Salinity/TDS/chlorides	167	Nonpoint Source	167	
3	SALINAS VALLEY, PRESSURE	309.000	Nitrates	124	Agriculture	124	124
			Nutrients	124	Animal Operations	124	
			Priority organics	124	Point Source(unspecified)	124	
			Salinity/TDS/chlorides	124	Saltwater Intrusion	124	
			· · · _ · _ · _ · _ · _		Septage Disposal	124	
3	SALINAS VALLEY, UPPER VALLEY	309,000	Cadmium	205	Agriculture	205	205
5	AQUIFER		Metals	205	Industrial Point Sources	205	
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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
		·	Nitrates	205	Land Disposal	205	
			Nutrients	205	Natural Sources	205	
			Priority organics	205	Septage Disposal	205	
			Salinity/TDS/chlorides	205			
			Trace Elements	205			
3	SAN ANTONIO CREEK VALLEY	313.000	Chlorides	25	Industrial Point Sources	25	25
			Heptachlor	25	Source Unknown	25	
•			Herbacides	25			
			Metals	25			
			Pesticides	25			
			Priority organics	25			
			Salinity/TDS/chlorides	25			
			Sulfates	25			
			Total Dissolved Solids	25			
3	SAN LUIS OBISPO VALLEY	310.240	Chloroform	15	Agriculture	15	15
			Overdraft	15	Industrial Point Sources	15	
			PCE/Tetrachloroethylene	15	Source Unknown	15	
			Priority organics	15			
3	SANTA BARBARA BASIN	315.320	Bromoform	20	Industrial Point Sources	20	20
			Dichloroethane/DCA	20	Source Unknown	20	
			Dichloroethylene/DCE	20			
			Nonpriority organics	20			
			PCE/Tetrachloroethylene	20			
			Priority organics	20			
			Total Trihalomethanes	20			
3	SANTA MARIA RIVER VALLEY	312.000	Atrazine	265	Agriculture	265	265
			Bromoform	265	Industrial Point Sources	265	
			Dibromochloromethane/DBCM	265	Irrigated Crop Production	265	
			Dichloroethane/DCA	265	Municipal Point Sources	265	
			Freon II	265	Source Unknown	265	•
			Nitrates	265			
			Nonpriority organics	265			
			Nutrients	265			
			Other inorganics	265			

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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			PCE/Tetrachloroethylene	265			
			Pesticides	265			
			Priority organics	265			
			Salinity/TDS/chlorides	265			
			TCA/Trichloroethane	265			
			TCE/Trichloroethylene	265			
			Total Trihalomethanes	265			
3	SANTA YNEZ RIVER VALLEY	314.000	Benzene	123	Agriculture	123	123
			Dichloroethylene/DCE	123	Agriculture-irrigation tailwater	123	
			Nonpriority organics	123	Agriculture-subsurface drainage	123	
			Priority organics	123	Lust/Leaking Undergrnd Stor. Tanks	123	
			Salinity/TDS/chlorides	123	Municipal Point Sources	123	
			Toluene	123	Point Source(unspecified)	123	
			Xylene	123	Source Unknown	123	
					Unknown point source	123	
3	SCOTTS VALLEY	304.000	Chloroform	60	Industrial Point Sources	60	60
			Dichlorobenzene	60	Source Unknown	60	
			Diethylhexylpthalate/DEHP	60			
			PCE/Tetrachloroethylene	60			
			Priority organics	60			
			TCE/Trichloroethylene	60			
			Toluene	60			
			Total Trihalomethanes	60			
3	SEASIDE AREA GROUNDWATER	309.500	Chlorine	50	Industrial Point Sources	50	50
	BASIN		Dichloroethylene/DCE	50	Source Unknown	50	
			Freon II	50			
			Methylene	50			
			Nonpriority organics	50			
			PCE/Tetrachloroethylene	50			
			Priority organics	50			
			TCA/Trichloroethane	50			
			TCE/Trichloroethylene	50			
			Toluene	50			

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
4	ARROYO SANTA ROSA BASIN	403.63	Nonpriority organics	5	Agriculture	5	5
			Nutrients	5	Septage Disposal	5	
4	CENTRAL BASIN LOWER-	405.15	Priority organics	277	Groundwater Loadings	277	277
	PRODUCTION ZONES				Land Disposal	77	
					Landfills	277	
4	CENTRAL BASIN UPPER-SHALLOW	405.15	Priority organics	277	Illegal dumping	277	277
	AND SEMI-PERCHED AQUIFERS				Industrial Point Sources	277	
					Other	277	
					Urban Runoff/Storm Sewers	277	
4		481.21	Nutrients	10	Agriculture	10	10
•					Animal Operations	10	
					Septage Disposal	10	
4	LOWER OJAI VALLEY BASIN	402.32	Nutrients	23	Agriculture	23	23
•					Animal Operations	23	
					Septage Disposal	23	
4	LOWER VENTURA BASIN	402.1	Nutrients	8	Agriculture	8	8
-			·····		Animal Operations	8	
					Septage Disposal	8	
					Urban Runoff/Storm Sewers	8	
4	MAIN SAN GABRIEL VALLEY BASIN	, 405.42	Priority organics	141	Industrial Point Sources	141	141
					Land Disposal	41	
					Landfills	141	
4	OXNARD PLAIN BASIN	403.11	Nutrients	111	Agriculture	111	111
			Salinity/TDS/chlorides	111	Groundwater Loadings	111	
	· .				Groundwater Withdrawal	111	
					Septage Disposal	111	
4	PLEASANT VALLEY BASIN	403.12	Salinity/TDS/chlorides	36	Groundwater Loadings	36	36
·					Septage Disposal	36	
4	PUENTE BASIN	405.41	Priority organics	16	Agriculture	16	16
-			Salinity/TDS/chlorides	16	Industrial Point Sources	16	
			· · · · · · · · · · · · · · · · · · ·		Land Disposal	16	
					Landfills	16	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTA SIZ <u>E</u> **
4	RAYMOND BASIN	405.31	Priority organics	37	Industrial Point Sources	37	37
					Land Disposal	37	
					Landfills	37	
4	SAN ANTONIO CREEK AREA BASIN	402.2	Nutrients	4	Agriculture	4	4
					Animal Operations	4	
					Septage Disposal	4	
					Urban Runoff/Storm Sewers	4	
4	SANTA CLARA-PIRU CREEK BASIN	403.41	Nutrients	14	Agriculture	14	14
					Animal Operations	14	
					Septage Disposal	14	
					Urban Runoff/Storm Sewers	14	
4	SANTA CLARA-SESPE BASIN	403.31	Nutrients	31	Agricultur <del>e</del>	31	31
					Septage Disposal	31	
4	SANTA MONICA BASIN	405.13	Priority organics	40	Industrial Point Sources	40	40
4	SIERRA PELONA VALLEY BASIN	403.55	Nutrients	11	Agriculture	11	11
					Animal Operations	11	
					Septage Disposal	11	
4	VERDUGO BASIN	405.24	Nutrients	11	Septage Disposal	11	11
4	WEST COAST BASIN LOWER-	405.12	Salinity/TDS/chlorides	141	Groundwater Loadings	141	141
	PRODUCTION ZONES				Groundwater Withdrawal	141	
4	WEST COAST BASIN UPPER-	405.12	Priority organics	141	Groundwater Withdrawal	141	141
	SHALLOW AND SEMI-PERCHED		Salinity/TDS/chlorides	141	Illegal dumping	141	
	ZONES				Industrial Point Sources	141	
					Urban Runoff/Storm Sewers	141	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
5	CHOWCHILLA BASIN PORT	5-22	DBCP/Dibromochlorpropane	230	Agriculture	230	230
			Nitrates	230	Animal Operations	230	
			Nonpriority organics	230	Dairies	230	
			Nutrients	230	Industrial Point Sources	230	
			Pesticides	230	Lust/Leaking Undergrnd Stor. Tanks	230	
			Priority organics	230	Septage Disposal	230	
			Salinity/TDS/chlorides	230			
5	DELTA - MENDOTA BASIN PORT	5-22	Arsenic	365	Agriculture	365	365
•			Boron	365	Industrial Point Sources	365	
			Metals	365	Lust/Leaking Undergrnd Stor. Tanks	365	
			Nitrates	365	Natural Sources	365	
			Nonpriority organics	365			
			Nutrients	365			
			Priority organics	365			
			Salinity/TDS/chlorides	365			
			Selenium	365			
			Trace Elements	365			
5	EASTERN SAN JOAQUIN COUNTY	5-22	DBCP/Dibromochlorpropane	1140	Agriculture	1140	1140
	BASIN PORT		Nitrates	1140	Animal Operations	1140	
			Nonpriority organics	1140	Dairies	1140	
			Nutrients	1140	Industrial Point Sources	1140	
			Pesticides	1140	Lust/Leaking Undergrnd Stor. Tanks	1140	
			Priority organics	1140	Natural Sources	1140	
			Salinity/TDS/chlorides	1140	Septage Disposal	1140	
5	KAWEAH BASIN PORT	5-22	DBCP/Dibromochlorpropane	690	Agriculture	690	690
			Nitrates	690	Animal Operations	690	
			Nonpriority organics	690	Dairies	690	
			Nutrients	690	Industrial Point Sources	690	
			Pesticides	690	Lust/Leaking Undergrnd Stor. Tanks	690	
			Priority organics	690	Septage Disposal	690	
			Salinity/TDS/chlorides	690			
5	KERN COUNTY BASIN PORT	5-22	Arsenic	3770	Agriculture	3770	3770
			DBCP/Dibromochlorpropane	3770	Animal Operations	3770	
			Metals	3770	Dairies	3770	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			Nitrates	3770	Industrial Point Sources	3770	
			Nonpriority organics	3770	Lust/Leaking Undergrnd Stor. Tanks	3770	
			Nutrients	3770	Natural Sources	3770	
			Pesticides	3770	Septage Disposal	3770	
			Priority organics	3770			
			Salinity/TDS/chlorides	3770			
			Selenium	3770			
			Trace Elements	3770			
5	KINGS BASIN PORT	5-22	DBCP/Dibromochlorpropane	1610	Agriculture	1610	1610
			Nitrates	1610	Animal Operations	1610	
			Nonpriority organics	1610	Dairies	1610	
			Nutrients	1610	Industrial Point Sources	1610	
			Pesticides	1610	Lust/Leaking Undergrnd Stor. Tanks	1610	
			Priority organics	1610	Septage Disposal	610	
			Salinity/TDS/chlorides	1610			
5	MADERA BASIN PORT	5-22	DBCP/Dibromochlorpropane	580	Agriculture	580	580
			Nitrates	580	Animal Operations	580	
			Nonpriority organics	580	Dairies	580	
			Nutrients	580	Industrial Point Sources	580 ·	
			Pesticides	580	Lust/Leaking Undergrnd Stor. Tanks	580	
			Priority organics	580	Septage Disposal	580	
			Salinity/TDS/chlorides	580			
5	MERCED BASIN PORT	5-22	DBCP/Dibromochlorpropane	690	Agriculture	690	690
			Nitrates	690	Animal Operations	690	
			Nonpriority organics	690	Dairies	690	
			Nutrients	690	Industrial Point Sources	690	
			Pesticides	690	Lust/Leaking Undergrnd Stor. Tanks	690	
			Priority organics	690	Septage Disposal	690	
5	MODESTO BASIN PORT	5-22	DBCP/Dibromochlorpropane	340	Agriculture	340	340
			Nitrates	340	Dairies	340	
			Nonpriority organics	340	Industrial Point Sources	340	
			Nutrients	340	Lust/Leaking Undergrnd Stor. Tanks	340	
			Pesticides	340	Septage Disposal	340	
			Priority organics	340			

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REGION		HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
5	SACRAMENTO COUNTY BASIN PORT	5-22	Nonpriority organics	750	Industrial Point Sources	750	750
•			Priority organics	750	Lust/Leaking Undergrnd Stor. Tanks	750	
5	TRACY BASIN PORT	5-22	Arsenic	570	Agriculture	570	570
•			Boron	570	Industrial Point Sources	570	
			Metals	570	Lust/Leaking Undergrnd Stor. Tanks	570	
			Molybdenum	570	Natural Sources	570	
			Nitrates	570	Septage Disposal	570	
			Nonpriority organics	570			
			Nutrients	570			
			Priority organics	570			
			Salinity/TDS/chlorides	570			
			Trace Elements	570			
5	TULARE LAKE BASIN PORT	5-22	Arsenic	780	Agriculture	780	780
			Boron	780	Industrial Point Sources	780	
			Metals	780	Lust/Leaking Undergrnd Stor. Tanks	780	
			Molybdenum	780	Natural Sources	780	
			Nitrates	780			
			Nonpriority organics	780			
			Nutrients	780			
			Priority organics	780			
			Salinity/TDS/chlorides	780			
			Selenium	780			
			Trace Elements	780			
			Uranium	780			
5	TULE BASIN PORT	5-22	Arsenic	730	Agriculture	730	730
			DBCP/Dibromochlorpropane	730	Animal Operations	730	
			Metals	730	Dairies	730	
			Nitrates	730	Industrial Point Sources	730	
			Nonpriority organics	730	Lust/Leaking Undergrnd Stor. Tanks	730	
			Nutrients	730	Natural Sources	730	
			Pesticides	730	Septage Disposal	730	
			Priority organics	730			
			Salinity/TDS/chlorides	730			
			Trace Elements	730			
5	TURLOCK BASIN PORT	5-22	DBCP/Dibromochlorpropane	545	Agriculture	545	545

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 REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			Nitrates	545	Dairies	545	
			Nonpriority organics	545	Industrial Point Sources	545	
			Nutrients	545	Lust/Leaking Undergrnd Stor. Tanks	545	
			Pesticides	545	Septage Disposal	545	
			Priority organics	545			
			Salinity/TDS/chlorides	545			
5	WESTSIDE BASIN PORT	5-22	Boron	1040	Agriculture	1040	1040
			Metals	1040	Natural Sources	1040	
			Salinity/TDS/chlorides	1040			
			Selenium	1040			
			Trace Elements	1040			

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
6	ANTELOPE VALLEY (NL)	6-7	Metals	1	Agriculture	36	36
			Nitrates	36	Natural Sources	1	
			Nutrients	36	Septage Disposal	36	
			Salinity/TDS/chlorides	1			
			Trace Elements	1			
6	ANTELOPE VALLEY (SL)	6-44	Coliform	122	Hazardous Waste	122	1,622
			Flow alteration	1622	Land Disposal	1622	
			Metals	122	Landfills	1622	
			Nitrates	122	Lust/Leaking Undergrnd Stor. Tanks	122	
			Nutrients	122	Natural Sources	1622	
			Pathogens/Path.Indicators	122	Resource Extraction	1622	
			Priority organics	122	Septage Disposal	1622	
			Salinity/TDS/chlorides	1622	Spills	122	
					Urban Runoff/Storm Sewers	122	
6	BICYCLE VALLEY	6-25	Salinity/TDS/chlorides	120	Natural Sources	120	120
6	BRIDGEPORT VALLEY	· 6-8	Coliform	100	Agriculture	100	100
			Metals	100	Lust/Leaking Undergrnd Stor. Tanks	2	
			Nitrates	100	Natural Sources	100	
			Nutrients	100	Resource Extraction	100	
			Oil and grease	2	Septage Disposal	100	
			Other inorganics	100	Urban Runoff/Storm Sewers	2	
			Pathogens/Path.Indicators	100			
			Priority organics	2			
			Salinity/TDS/chlorides	100			
6	BROADWELL VALLEY	6-32	Flow alteration	120	Flow Regulation/Modification	120	120
		•	Salinity/TDS/chlorides	120	Hydromodification	120	
					Natural Sources	120	
6	CADY SPRINGS RECHARGE AREA	6-0000	Coliform	6	Land Disposal	6	6
			Nitrates	6	Nonpoint Source	6	
			Nutrients	6	Septage Disposal	6	
			Pathogens/Path.Indicators	6	Wastewater - land disposal	6	
			Salinity/TDS/chlorides	6			
6	CALIFORNIA VALLEY	6-79	Salinity/TDS/chlorides	60	Natural Sources	60	60

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REGIO	N WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
6	CARSON VALLEY	6-6	Coliform	20	Agriculture	20	20
			Nitrates	20	Land Disposal	20	
			Nutrients	20	Septage Disposal	20	
			Pathogens/Path.Indicators	20			
6	CAVES CANYON VALLEY	6-38	Salinity/TDS/chlorides	100	Natural Sources	100	100
6	COSO VALLEY	6-55	Salinity/TDS/chlorides	50	Natural Sources	50	50
6	COYOTE LAKE VALLEY	6-37	Salinity/TDS/chlorides	150	Natural Sources	150	150
6	CUDDEBACK VALLEY	6-50	Salinity/TDS/chlorides	180	Natural Sources	180	180
6	DARWIN VALLEY	6-57	Salinity/TDS/chlorides	70	Natural Sources	70	70
6	DEATH VALLEY	6-18	Flow alteration	1320	Flow Regulation/Modification	1320	1320
			Metals	1320	Hydromodification	1320	
			Salinity/TDS/chlorides	1320	Natural Sources	1320	
			Trace Elements	1320			
6	DENNING SPRING VALLEY	6-78	Salinity/TDS/chlorides	18	Natural Sources	18	18
6	DOG VALLEY	6-0000	Arsenic	1	Flow Regulation/Modification	7	7
			Coliform	7	Hydromodification	7	
			Flow alteration	7	Lust/Leaking Undergrnd Stor. Tanks	1	
			Metals	1	Natural Sources	7	
			Nitrates	7	Septage Disposal	7	
			Nutrients	7			
			Oil and grease	1			
			Pathogens/Path.Indicators	7			
			Priority organics	1			
			Trace Elements	1			
6	EAGLE LAKE AREA	6-96	Coliform	2	Agriculture	22	22
			Metals	22	Lust/Leaking Undergrnd Stor. Tanks	2	
			Nitrates	2	Natural Sources	22	
			Nutrients	2	Septage Disposal	2	
			Oil and grease	2			
			Pathogens/Path.Indicators	2			
			Priority organics	2			
6	EL MIRAGE VALLEY	6-43	Salinity/TDS/chlorides	70	Natural Sources	70	120

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
6	FREMONT VALLEY	6-46	Flow alteration	220	Agriculture	330	330
			Metals	220	Flow Regulation/Modification	330	
			Salinity/TDS/chlorides	220	Hydromodification	330	
			Trace Elements	220	Mine Tailings	330	
					Natural Sources	330	
					Resource Extraction	330	
6	GOLDSTONE VALLEY	6-48	Salinity/TDS/chlorides	30	Natural Sources	30	30
6	HARPER VALLEY	6-47	Salinity/TDS/chlorides	210	Natural Sources	210	510
6	HONEY LAKE VALLEY	6-4	Coliform	490	Agriculture	490	490
			Flow alteration	490	Agriculture-subsurface drainage	490	
			Metals	1	Construction/Land Development	490	
				Nitrates	490	Geothermal Development	490
		Nonpriority organics	1	Hazardous Waste	1		
		Oil an	Nutrients	490	Land Disposal	1	
			Oil and grease	1	Lust/Leaking Undergrnd Stor. Tanks	1	
			Pathogens/Path.Indicators	490	Natural Sources	490	
			Priority organics	1	Nonpoint Source	490	
			Salinity/TDS/chlorides	490	Out-of-state source	490	
			Trace Elements	490	Resource Extraction	490	
					Septage Disposal	490	
6	INDIAN WELLS VALLEY	6-54	Flow alteration	20	Groundwater Withdrawal	20	520
			Salinity/TDS/chlorides	20	Hydromodification	20	
					Natural Sources	20	
6	IVANPAH VALLEY	6-30	Flow alteration	300	Flow Regulation/Modification	300	300
			Metals	300	Hydromodification	300	
			Salinity/TDS/chlorides	180	Natural Sources	300	
			Trace Elements	180	Resource Extraction	300	
6	KELSO LANDER VALLEY	6-69	Salinity/TDS/chlorides	17	Natural Sources	17	17
6	LANGFORD VALLEY	6-36	Salinity/TDS/chlorides	50	Hazardous Waste	50	50
					Land Disposal	50	
					Lust/Leaking Undergrnd Stor. Tanks	50	
					Natural Sources	50	
					Spills	50	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
6	LEACH VALLEY	6-27	Salinity/TDS/chlorides	70	Natural Sources	70	70
6	LEVIATHAN MINE AREA	6-0000	Metals	1	Acid Mine Drainage	1	1
			pH (High or Low)	1	Hydromodification	1	
6	LONG VALLEY (NL)	6-104	Coliform	28	Agriculture	28	28
			Flow alteration	28	Flow Regulation/Modification	28	
			Nitrates	28	Hydromodification	28	
			Nutrients	28	Septage Disposal	28	
			Pathogens/Path.Indicators	28			
6	LOWER KINGSTON VALLEY	6-21	Salinity/TDS/chlorides	290	Natural Sources	290	290
6	LOWER MOJAVE RIVER VALLEY	6-40	Flow alteration	300	Agriculture	51	300
			Metals	1	Flow Regulation/Modification	300	
			Nitrates	51	Hazardous Waste	51	
			Nutrients	51	Hydromodification	300	
			Oil and grease	51	Land Disposal	51	
			Priority organics	51	Landfills	51	
			Salinity/TDS/chlorides	300	Lust/Leaking Undergrnd Stor. Tanks	51	
			Trace Elements	300	Natural Sources	300	
					Nonpoint Source	300	
					Septage Disposal	51	
					Spills	51	
6	MADELINE PLAINS	6-2	Coliform	270	Natural Sources	270	270
			Metals	270	Septage Disposal	270	
			Nitrates	270			
			Nutrients	270			
			Other inorganics	270			
			Pathogens/Path.Indicators	270			
			Salinity/TDS/chlorides	270			
			Trace Elements	270			
6	MARTIS VALLEY	6-67	Coliform	6	Flow Regulation/Modification	6	25
			Flow alteration	6	Highway Maintenance And Runoff	6	
			Metals	6	Hydromodification	6	
			Nitrates	6	Land Disposal	1	
			Nutrients	6	Lust/Leaking Undergrnd Stor. Tanks	1	
			Oil and grease	1	Natural Sources	6	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			Pathogens/Path.Indicators	6	Septage Disposal	6	
			Priority organics	1	Urban Runoff/Storm Sewers	6	
			Trace Elements	6		** *	
6	MESQUITE VALLEY	6-29	Salinity/TDS/chlorides	70	Natural Sources	70	120
6	MIDDLE AMARGOSA VALLEY	6-20	Salinity/TDS/chlorides	620	Natural Sources	620	620
6	MIDDLE MOJAVE RIVER VALLEY	6-41	Cause Unknown	3	Agriculture	3	430
			Metals	3	Industrial Land Treatment	3	
			Oil and grease	3	Land Disposal	3	
			Priority organics	3	Landfills	3	
			Salinity/TDS/chlorides	3	Lust/Leaking Undergrnd Stor. Tanks	3	
			Trace Elements	3	Natural Sources	3	
					Spills	3	
6	MODOC PLATEAU PVA (REG 6)	6-103	Salinity/TDS/chlorides	100	Natural Sources	100	100
6	MONO VALLEY	6-9	Coliform	82	Flow Regulation/Modification	250	250
			Flow alteration	82	Hydromodification	250	
			Nitrates	82	Land Disposal	82	
			Nutrients	82	Natural Sources	250	
			Pathogens/Path.Indicators	82	Septage Disposal	82	
			Salinity/TDS/chlorides	82			
			Trace Elements	82			
6	OWENS VALLEY	6-12	Cause Unknown	1030	Flow Regulation/Modification	1030	1030
			Coliform	1030	Hazardous Waste	2	
			Flow alteration	1030	Hydromodification	1030	
			Metals	1030	Land Disposal	1030	
			Nutrients	1030	Landfills	1030	
			Oil and grease	2	Lust/Leaking Undergrnd Stor. Tanks	1030	
			Pathogens/Path.Indicators	1030	Nonpoint Source	1030	
			Priority organics	2	Resource Extraction	1030	
			Salinity/TDS/chlorides	1030	Septage Disposal	1030	
6	PANAMINT VALLEY	6-58	Metals	360	Lust/Leaking Undergrnd Stor. Tanks	360	360
			Oil and grease	360	Mine Tailings	360	
			Priority organics	360	Natural Sources	360	
			Salinity/TDS/chlorides	360	Resource Extraction	360	

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			Trace Elements	360	Spills	360	
6	RIGGS VALLEY	6-23	Salinity/TDS/chlorides	100	Natural Sources	100	100
6	SEARLES VALLEY	6-52	Metals	1	Mine Tailings	1	250
			Oil and grease	1	Natural Sources	250	
			Salinity/TDS/chlorides	250	Resource Extraction	1	
6	SILVER LAKE VALLEY	6-34	Salinity/TDS/chlorides	40	Natural Sources	40	40
6	SODA LAKE VALLEY	6-33	Salinity/TDS/chlorides	500	Natural Sources	500	590
6	SQUAW VALLEY	6-0000	Flow alteration	3	Flow Regulation/Modification	3	3
-			Herbacides	1	Highway Maintenance And Runoff	3	
			Nitrates	3	Hydromodification	3	
			Nutrients	3	Land Disposal	3	
			Oil and grease	1	Lust/Leaking Undergrnd Stor. Tanks	1	
			Pesticides	1	Recreational Activities	3	
			Priority organics	1	Spills	1	
					Urban Runoff/Storm Sewers	3	
6	SUPERIOR VALLEY	6-49	Salinity/TDS/chlorides	170	Natural Sources	170	170
6	SURPRISE VALLEY	6-1	Coliform	151	Agriculture	151	350
			Flow alteration	151	Irrigated Crop Production	151	
			Metals	151	Natural Sources	151	
			Nitrates	151	Resource Extraction	151	
			Nutrients	151	Septage Disposal	151	
			Pathogens/Path.Indicators	151			
			Salinity/TDS/chlorides	151			
			Trace Elements	151			
6	TAHOE VALLEY-NORTH	6-5.02	Arsenic	1	Groundwater Withdrawal	4	4
			Flow alteration	4	Hydromodification	4	
			Metals	1	Land Disposal	4	
			Nutrients	4	Landfills	4	
			Priority organics	1	Lust/Leaking Undergrnd Stor. Tanks	4	
			Trace Elements	1	Natural Sources	4	
					Nonpoint Source	4	
					Septage Disposal	4	
					Spills	4	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
	, e mais				Urban Runoff/Storm Sewers	4	
					Wastewater - land disposal	4	
6	TAHOE VALLEY-SOUTH	6-5.01	Metals	3	Highway Maintenance And Runoff	3	21
			Nitrates	3	Land Disposal	3	
			Nutrients	3	Lust/Leaking Undergrnd Stor. Tanks	3	
			Priority organics	3	Natural Sources	3	
			Radiation	3	Nonpoint Source	3	
			Salinity/TDS/chlorides	3	Recreational Activities	3	
					Source Unknown	3	
					Urban Runoff/Storm Sewers	3	
					Wastewater - land disposal	3	
6	TROY VALLEY	6-39	Salinity/TDS/chlorides	130	Natural Sources	120	130
6	TWIN LAKE AREA	6-0000	Coliform	5	Highway Maintenance And Runoff	5	5
			Nitrates	5	Septage Disposal	5	
			Nutrients	5	Urban Runoff/Storm Sewers	5	
			Oil and grease	2			
			Pathogens/Path.Indicators	5			
•			Priority organics	2			
6	UPPER KINGSTON VALLEY	6-22	Salinity/TDS/chlorides	270	Natural Sources	270	270
6	UPPER MOJAVE RIVER VALLEY	6-42	Coliform	625	Hazardous Waste	75	625
			Flow alteration	625	Land Disposal	75	
			Nitrates	625	Lust/Leaking Undergrnd Stor. Tanks	75	
	· ·		Nutrients	625	Natural Sources	625	
			Pathogens/Path.Indicators	625	Resource Extraction	625	
			Priority organics	25	Septage Disposal	625	
			Salinity/TDS/chlorides	625	Spills	625	
6	WILLOW CREEK VALLEY	6-3	Nutrients	1	Nonpoint Source	20	20
6	WINGATE VALLEY	6-19	Salinity/TDS/chlorides	70	Natural Sources	70	70

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL S <u>IZE**</u>
7	BORREGO VALLEY	722.13	Nonpriority organics	110	Lust/Leaking Undergrnd Stor. Tanks	110	110
7	COACHELLA VA. GW.	719.47	Cause Unknown	690	Land Disposal	690	690
			Nitrates	690	Landfills	690	
			Nonpriority organics	690	Lust/Leaking Undergrnd Stor. Tanks	690	
			Nutrients	690	Septage Disposal	690	
			Pathogens/Path.Indicators	690			
7	LUCERNE VALLEY	701.00	Nonpriority organics	260	Lust/Leaking Undergrnd Stor. Tanks	260	260
7	MORONGO VALLEY	719.43	Cause Unknown	1	Land Disposal	1	14
					Landfills	1	
7	NEEDLES VALLEY	713.30	Chromium	140	Hazardous Waste	140	140
			Metals	140	Land Disposal	140	
			Nonpriority organics	140	Lust/Leaking Undergrnd Stor. Tanks	140	
7	PALO VERDE VA.	715.40	Nonpriority organics	200	Lust/Leaking Undergrnd Stor. Tanks	200	200
7	TWENTYNINE PALMS VALLEY	709.10	Priority organics	180	Land Disposal	180	180
					Landfills	180	
7	WARD VALLEY	712	Radiation	770	Land Disposal	770	770
					Landfills	770	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
8	BUNKER HILL I GW	801.520	PCE/Tetrachloroethylene	22	Industrial Point Sources	22	22
			Priority organics	22			
			TCE/Trichloroethylene	22			
8	BUNKER HILL II GW	801.520	DBCP/Dibromochlorpropane	77	Agricultu <del>re</del>	77	77
			Nitrates	77	Industrial Point Sources	77	
			Nutrients	77	Nonpoint Source	77	
			PCE/Tetrachloroethylene	77	Point Source(unspecified)	77	
			Pesticides	. 77			
			Priority organics	77			
			TCE/Trichloroethylene	77			
8	BUNKER HILL PRESSURE GW	801.520	DBCP/Dibromochlorpropane	24	Agriculture	24	24
			Nitrates	24	Construction/Land Development	24	
			Nutrients	24	Industrial Point Sources		
			PCE/Tetrachloroethylene	24	Nonpoint Source	24 24 24 24 24	
			Pesticides	24	Point Source(unspecified)	24	
			Priority organics	24	Urban Runoff/Storm Sewers	24	
			Salinity/TDS/chlorides	24			
			TCE/Trichloroethylene	24			
8	CHINO I GW	801.210	DBCP/Dibromochlorpropane	90	Agriculture	90	90
			Nitrates	90	Construction/Land Development	90	
			Nutrients	90	Urban Runoff/Storm Sewers	90	
			Pesticides	90			
8	CHINO II GW	801.210	DBCP/Dibromochlorpropane	104	Agriculture	104	104
			Nitrates	104	Dairies	104	
-			Nutrients	104	Industrial Point Sources	104	
			PCE/Tetrachloroethylene	104	Nonpoint Source	104	
			Pesticides	104			
			Priority organics	104			
			Salinity/TDS/chlorides	104			
			TCE/Trichloroethylene	104			
			Total Dissolved Solids	104			
8	CHINO III GW	801.210	Nitrates	48	Agriculture	48	48
			Nutrients	48	Dairies	48	
			Salinity/TDS/chlorides	48			

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Causes and Sources are not linked.
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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**	
8	SANTA ANA FOREBAY GW	801.110	Nitrates	105	Agriculture	105	105	
			Nutrients	105	Construction/Land Development	105		
			Organic enrichment/Low DO	105	Industrial Point Sources	105		
			PCE/Tetrachloroethylene	105	Municipal Point Sources	105		
			Priority organics	105				
			Salinity/TDS/chlorides	105				
			TCE/Trichloroethylene	105				
			TOC/Total Organic Carbon	105				
8	SANTA ANA PRESSURE GW	801.110	Nitrates	139	Industrial Point Sources	139	139	
			Nutrients	139	Municipal Point Sources	139		
			Organic enrichment/Low DO	139	Urban Runoff/Storm Sewers	139		
			PCE/Tetrachloroethylene	139				
			Priority organics	139				
			Salinity/TDS/chlorides	139				
			TCE/Trichloroethylene	139				
			TOC/Total Organic Carbon	139				

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
9	BARRETT LAKE HA GW	911.30	Salinity/TDS/chlorides	0	Agriculture	0	97
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	CAMERON HA GW	911.70	Salinity/TDS/chlorides	0	Agriculture	0	45
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	CAMPO HA GW	911.80	Salinity/TDS/chlorides	0	Agriculture	0	107
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
.9	DULZURA HA GW	910.30	Salinity/TDS/chlorides	0	Agriculture	0	100
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	EL MONTE	907.15	Salinity/TDS/chlorides	0	Agriculture	0	15
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	JAMUL VALLEY	909.21	Salinity/TDS/chlorides	0	Agriculture	0	5
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	LAS PULGAS VALLEY	901.52	Salinity/TDS/chlorides	0	Agriculture	0	3
_				· · · · · · · · · · · · · · · · · · ·	Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	LOWER SAN LUIS REY HA GW	903.10	Salinity/TDS/chlorides	40	Agriculture	40	186
-			······································		Agriculture-animal	40	
					Animal Operations	40	
					Irrigated Crop Production	40	
9	LOWER SWEETWATER HA GW	909.10	Salinity/TDS/chlorides	49	Animal Operations	49	49

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
					Irrigated Crop Production	49	
9	MIDDLE SWEETWATER HA GW	909.20	Salinity/TDS/chlorides	0	Agriculture	0	85
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	MISSION VALLEY	907.11	Salinity/TDS/chlorides	11	Agriculture	11	11
					Agriculture-animal	11	
					Animal Operations	11	
					Irrigated Crop Production	11	
9	MONSERATE HA GW	903.20	Salinity/TDS/chlorides	0	Agriculture	0	171
					Animal Operations	0	
9	MORENA HA GW	911.50	Salinity/TDS/chlorides	0	Agriculture	0	24
	_				Agriculture-animal	0	
					Irrigated Crop Production	0	
9	NATIONAL CITY HA GW	908.30	Salinity/TDS/chlorides	0	Agriculture	0	11
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	OTAY VALLEY HA GW	910.20	Metals	1	Agriculture	1	47
			Organics	1	Agriculture-animal	1	
			Priority organics	1	Animal Operations	1	
			Salinity/TDS/chlorides	1	Irrigated Crop Production	1	
9	PINE VALLEY	911.30	Salinity/TDS/chlorides	0	Agriculture	0	2
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	POTRERO HA GW	911.20	Salinity/TDS/chlorides	0	Agriculture	0	81
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	POWAY HA GW	906.20	Salinity/TDS/chlorides	41	Agriculture	41	41
			······································	· · · · · · · · · · · · · · · · · · ·	Agriculture-animal	41	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
			• · · · · · · · · · · · · · · · · · · ·		Animal Operations	41	
					Irrigated Crop Production	41	
9	RANCHO SANTA FE	905.11	Salinity/TDS/chlorides	0	Agriculture	0	6
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	SAN DIEGUITO VALLEY	9-12	Salinity/TDS/chlorides	6	Agriculture	6	6
-					Agriculture-animal	. 6	
			·		Animal Operations	6	
					Irrigated Crop Production	6	
9	SAN MATEO CANYON HA GW	901.40	Salinity/TDS/chlorides	0	Agriculture	0	135
•					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	SAN ONOFRE HA GW	901.50	Salinity/TDS/chlorides	0	Agriculture	0	103
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	SAN PASQUAL HA GW	905.30	Salinity/TDS/chlorides	6	Agriculture	6	66
					Agriculture-animal	6	
					Animal Operations	6	
					Irrigated Crop Production	6	
9	SANTA MARGARITA GW	902.11	Salinity/TDS/chlorides	13	Agriculture	13	13
					Agriculture-animal	13	
		•			Animal Operations	13	
					Irrigated Crop Production	13	
9	SANTA MARIA VALLEY HA GW	905.40	Nitrates	24	Animal Operations	24	57
			Salinity/TDS/chlorides	24	Irrigated Crop Production	24	
9	SWEETWATER VALLEY	909.11	Salinity/TDS/chlorides	0	Agriculture	0	3
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	

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REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**
9	TECATE VALLEY	911.81	Salinity/TDS/chlorides	0	Agriculture	0	1
					Agriculture-animal	0	
					Animal Operations	0	
					Irrigated Crop Production	0	
9	TEMECULA VALLEY	9-5	Chlorides	150	Agriculture	150	150
			Diesel	150	Landfills	150	
			Herbacides	150	Lust/Leaking Undergrnd Stor. Tanks	150	
			Iron	150	Municipal Point Sources	150	
			Manganese	150	Septage Disposal	150	
			Metals	150	Source Unknown	150	
			Nitrates	150	Specialty Crop Production	150	
			Nutrients	150	Surface Mining	150	
			Oil and grease	150	Urban Runoff/Storm Sewers	150	
			Pesticides	150			
			Salinity/TDS/chlorides	150			
			Sulfates	150			
			Total Dissolved Solids	150			
9	TIJUANA VALLEY HA GW	911.10	Salinity/TDS/chlorides	30	Agriculture	30	30
					Agriculture-animal	30	
					Animal Operations	30	

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Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

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**Irrigated Crop Production** 

	REGION	WATER BODY NAME	HYDRO UNIT	CAUSES*	SIZE**	SOURCES*	SIZE**	TOTAL SIZE**	
			E. Craine States	ABBREVIATIONS					
REGIO 1	North Co	R QUALITY CONTROL BOARDS ast							
2	San Fran	cisco Bay							
3	Central C	Coast							
4	Los Ange	eles							
5	Central V	/alley							
6	Lahontar	ı							
7	Colorado	o River Basin							
8	Santa An	a							
9	San Dieg	ю							

Causes and Sources are not linked.
 "Size" refers to the affected size (square miles) of the water body and "Total Size" refers to the size of the entire water body.

## TABLE 12B.

# TOTAL SIZES (Square Miles) OF GROUND WATERS IMPAIRED BY VARIOUS CAUSE CATEGORIES

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT			
CAUSE CATEGORY	MAJOR	MODERATE/MINOR		
Cause/Stressor unknown		1,723		
Toxicity (Unknown toxicant)				
Pesticides	7,500	3,489		
Priority organic chemical	335	20,821		
Nonpriority organic chemical	388	15,303		
Metals	4,531	5,726		
Ammonia				
Cyanide				
Sulfates		145		
Chlorine		50		
Other inorganics	535			
Nutrients	5,920	10,097		
рН	1			
Siltation				
Organic enrichment/low DO		244		
Salinity/TDS/chlorides	11,620	12,519		
Thermal modifications				
Flow alterations	2,590	2,957		
Other habitat alterations				
Pathogen indicators	627	866		
Radiation		770		
Oil and grease	. 3	4,119		
Taste and odor				
Suspended solids				
Noxious aquatic plants (macrophytes)				
Total toxics				
Turbidity				
Exotic species				
Excessive algal growth				
Inappropriate littoral vegetation				

## TABLE 12C.

# TOTAL SIZES (Square Miles) OF GROUND WATERS IMPAIRED BY VARIOUS SOURCE CATEGORIES

	SIZE OF WATERS BY CONTRIBUTION TO IMPAIRMENT			
SOURCE CATEGORY	MAJOR	MODERATE/MINOR		
Industrial Point Sources	715	14,503		
Municipal Point Sources	388	264		
Combined Sewer Overflows				
Agriculture	6,399	10,476		
Crop-related sources	385	411		
Grazing-related sources				
Intensive animal feeding operations	4,460	6,017		
Silviculture				
Construction		709		
Urban Runoff/Storm Sewers		842		
Resource Extraction	1,030	7,136		
Land Disposal	54	5,130		
Hydromodification	2,701	718		
Habitat Modification (non-hydromod)				
Marinas				
Erosion from Derelict Land				
Atmospheric Deposition				
Septage Disposal	6,522	8,914		
Leaking Underground Storage Tanks	126	19,859		
Highway Maintenance and Runoff		17		
Spills (Accidental)	625	4,463		
Contaminated Sediments				
Debris and Bottom Deposits				
Internal Nutrient Cycling (primarily lakes)		·		
Sediment Resuspension				
Natural Sources	6,937	11,522		
Recreational Activities		3		
Salt Storage Sites				
Ground water Loadings	20	685		
Ground water Withdrawal	140	437		
Other	· · · · · · · · · · · · · · · · · · ·	277		
Unknown Source	448	1,730		
Sources Outside State Jurisdiction/Borders		490		

## APPENDIX

## BENEFICIAL USE DESIGNATIONS

"Beneficial uses" are the many ways water can be used either directly by people or for their overall benefit. Drinking and bathing are obvious examples, but there are many others, such as uses by industry, agriculture, commerce, and wildlife. The SWRCB recognizes 23 beneficial uses summarized below:

<u>Municipal and Domestic Supply (MUN</u>)–Uses of water for community, military, or individual water supply systems including, but not limited to, drinking water supply.

<u>Agricultural Supply (AGR)</u>–Uses of water for farming, horticulture, or ranching including, but not limited to irrigation, stock watering, or support of vegetation for range grazing.

<u>Industrial Process Supply (PRO)</u>–Uses of water for industrial activities that depend primarily on water quality.

<u>Industrial Service Supply (IND)</u>–Uses of water for industrial activities that do not depend primarily on water quality including, but not limited to, mining, cooling water supply, hydraulic conveyance, gravel washing, fire protection, or oil well repressurization.

<u>Ground Water Recharge (GWR)</u>–Uses of water for natural or artificial recharge of ground water for purposes of future extraction, maintenance of water quality, or halting of saltwater intrusion into freshwater aquifers.

<u>Freshwater Replenishment (FRSH)</u>–Uses of water for natural or artificial maintenance of surface water quantity or quality (e.g., salinity).

<u>Navigation (NAV)</u>–Uses of water for shipping, travel, or other transportation by private, military, or commercial vessels.

<u>Hydropower Generation (POW)</u>–Uses of water for hydropower generation.

<u>Water Contact Recreation (REC-1)</u>–Uses of water for recreational activities involving body contact with water, where ingestion of water is reasonably possible. These uses include, but are not limited to, swimming, wading, water-skiing, skin and scuba diving, surfing, white water activities, fishing, or use of natural hot springs.

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Noncontact Water Recreation (REC-2)–Uses of water for recreational activities involving proximity to water, but not normally involving body contact with water where ingestion of water is reasonably possible. These uses include, but are not limited to, picnicking, sunbathing, hiking, beachcombing, camping, boating, tidepool and marine life study, hunting, sightseeing, or aesthetic enjoyment in conjunction with the above activities.

<u>Ocean Commercial and Sport Fishing (COMM)</u>–Uses of water for commercial or recreational collection of fish, shellfish, or other organisms including, but not limited to, uses involving organisms intended for human consumption or bait purposes.

<u>Aquaculture (AQUA)</u>–Uses of water for aquaculture or mariculture operations including, but not limited to, propagation, cultivation, maintenance, or harvesting of aquatic plants and animals for human consumption or bait purposes.

<u>Warm Freshwater Habitat (WARM)</u>–Uses of water that support warm water ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates.

<u>Cold Freshwater Habitat (COLD)</u>–Uses of water that support cold water ecosystems including, but not limited to, preservation or enhancement of aquatic saline habitats, vegetation, fish, or wildlife, including invertebrates.

Inland Saline Water Habitat (SAL)–Uses of water that support inland saline water ecosystems including, but not limited to, preservation or enhancement of aquatic saline habitats, vegetation, fish, or wildlife, including invertebrates.

Estuarine Habitat (EST)–Uses of water that support estuarine ecosystems including, but not limited to, preservation or enhancement of estuarine habitats, vegetation, fish, shellfish, or wildlife (e.g., estuarine mammals, waterfowl, shorebirds).

<u>Marine Habitat (MAR)</u>–Uses of water that support marine ecosystems including, but not limited to, preservation or enhancement of marine habitats, vegetation such as kelp, fish, shellfish, or wildlife (e.g., marine mammals, shorebirds).

<u>Wildlife Habitat (WILD)</u>–Uses of water that support terrestrial ecosystems including, but not limited to, preservation and enhancement of terrestrial habitats, vegetation, wildlife (e.g., mammals, birds, reptiles, amphibians, invertebrates), or wildlife water and food sources.

<u>Preservation of Biological Habitats of Special Significance (BIOL</u>)–Uses of water that support designated areas or habitats, such as established refuges, parks, sanctuaries, ecological reserves, or Areas of Special Biological Significance (ASBS), where the preservation or enhancement of natural resources requires special protection.

<u>Rare, Threatened, or Endangered Species (RARE)</u>–Uses of water that support habitats necessary, at least in part, for the survival and successful maintenance of plant or animal species established under State or federal law as rare, threatened or endangered.

<u>Migration of Aquatic Organisms (MIGR)</u>-Uses of water that support habitats necessary for migration or other temporary activities by aquatic organisms, such as anadromous fish.

<u>Spawning, Reproduction, and/or Early Development (SPWN)</u>–Uses of water that support high quality aquatic habitats suitable for reproduction and early development of fish.

<u>Shellfish Harvesting (SHELL)</u>-Uses of water that support habitats suitable for the collection of filter-feeding shellfish (e.g., clams, oysters, and mussels) for human consumption, commercial, or sports purposes.

# STATE WATER RESOURCES CONTROL BOARD

P.O. BOX 100, Sacramento, CA 95812-0100

Office of Legislative and Public Affairs: (916) 657-1247 Water Quality Information: (916) 657-0687

Clean Water Programs Information: (916) 227-4400 Water Rights Information: (916) 657-2170

# **CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARDS**

#### **NORTH COAST REGION (1)**

5550 Skylane Blvd., Ste. A Santa Rosa, CA 95403 (707) 576-2220

#### SAN FRANCISCO BAY REGION (2)

1515 Clay Street, Ste. 1400 Oakland, CA 94612 (510) 622-2300

SISKIYOU

SHAST

BUTTE

TEHAMA

GLENN

1

HUMBOLDT

TRINITY

MENDOCINO

MODOC

PLUMAS

SIERR

LASSEN

### **CENTRAL COAST REGION (3)**

81 Higuera Street, Ste. 200 San Luis Obispo, CA 93401-5427 (805) 549-3147

#### LOS ANGELES REGION (4)

320 W. 4th Street, Ste. 200 Los Angeles, CA 90013 (213) 576-6600

## **CENTRAL VALLEY REGION (5)**

3443 Routier Road, Suite A Sacramento, CA 95827-3098 (916) 255-3000

#### **FRESNO BRANCH OFFICE**

3614 East Ashlan Avenue Fresno, CA 93726 (559) 445-5116

#### **REDDING BRANCH OFFICE**

415 Knollcrest Drive, Suite 100 Redding, CA 96002 (530) 224-4845

**LAHONTAN REGION (6)** 

2501 Lake Tahoe Blvd. South Lake Tahoe, CA 96150 (503) 542-5400

#### VICTORVILLE BRANCH OFFICE 15428 Civic Drive, Ste. 100

Victorville, CA 92392-2383 (760) 241-6583

#### **COLORADO RIVER BASIN REGION (7)**

73-720 Fred Waring Dr., Ste. 100 Palm Desert, CA 92260 (760) 346-7491

## SANTA ANA REGION (8)

California Tower 3737 Main Street, Ste. 500 Riverside, CA 92501-3339 (909) 782-4130

#### SAN DIEGO REGION (9)

9771 Clairemont Mesa Blvd., Ste. A San Diego, CA 92124 (619) 467-2952

#### STATE OF CALIFORNIA Gray Davis, Governor

#### **CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY**

Winston H. Hickox, Secretary

## STATE WATER RESOURCES

James M. Stubchaer, Chairman

