STATE WATER RESOURCES CONTROL BOARD

STATE'S EFFORT TO COMPLY WITH THE FEDERAL CLEAN WATER ACT SECTION 303(d)

REPORT TO THE LEGISLATURE PURSUANT TO THE FISCAL YEAR 2000-01 BUDGET ACT

JANUARY 2001

REPORT TO THE LEGISLATURE

STATE'S EFFORT TO COMPLY WITH THE FEDERAL CLEAN WATER ACT SECTION 303(d)

This report was prepared by the State Water Resources Control Board (SWRCB) in compliance with the provisions contained in the Fiscal Year 2000-2001 Budget Act (AB 1740, Chapter 52, Statutes of 2000). The Budget Act requires that by November 30, 2000, the SWRCB prepare and make publicly available a report on the State's efforts to comply with the federal Clean Water Act (CWA) Section 303(d). The report must include:

> "(a) A process which outlines how the State Board and regional boards shall implement their Total Maximum Daily Load (TMDL) requirements consistent with Section 303(d) and, where applicable, Division VII of the Water Code and other relevant state and federal laws. This process shall be included in the state's continuing planning process required by Section 303(e).
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> (b) A description of the formal actions taken to date by the State Board and regional boards to implement federal Clean Water Act Section 303(d), including the number of TMDLs adopted, the process and criteria used to develop TMDLs and the watersheds for which TMDLs have been adopted.
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> (c) A description of the process the State Board and regional boards use for taking formal actions pursuant to the requirements of the federal Clean Water Act, Section 303(d), including actions related to criteria for prioritizing work.
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> (d) A description of the activities the State Board and regional boards have undertaken to involve the public in their efforts to implement the requirements of the federal Clean Water Act Section 303(d).
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> (e) Consistent with Section 13191 of the Water Code, the anticipated schedule for water quality control plan amendments the State Board and regional boards will undertake to implement the federal Clean Water Act, Section 303(d)."

As required by Water Code Section 13191, the SWRCB has also prepared a report to the Legislature regarding the structure and effectiveness of its water quality programs implementing CWA Section 303(d). Details of SWRCB's programs related to CWA 303(d) can be found in that report.

This report focuses specifically on addressing the five elements required by the Budget Act as follows:

(a) A process which outlines how the State Board and regional boards shall implement their Total Maximum Daily Load (TMDL) requirements consistent with Section 303(d) and, where applicable, Division VII of the Water Code and other relevant state and federal laws. This process shall be included in the state's continuing planning process required by Section 303(e).

Currently, the SWRCB and the Regional Water Quality Control Boards (RWQCBs) are developing TMDLs with programs of implementation clearly articulated and establishing them as formal Water Quality Control Plan (Basin Plan) amendments in accordance with both the CWA and the Porter-Cologne Water Quality Control Act (Division VII of the Water Code). This formal process requires a substantial investment of time and resources and substantially enhances successful implementation of the TMDLs. In some cases involving court-approved consent decrees, imposed time limitations preclude completion of the Basin Plan Amendment process. In these cases, TMDLs are established by the U.S. Environmental Protection Agency (USEPA) and will be adopted into Basin Plans at some future date. USEPA-established TMDLs do not typically include a program of implementation. The available RWQCB staff is dedicated to developing Basin Plan amendments wherever possible and to supporting USEPA's establishment of technical TMDLs where needed to adhere to the consent decree schedules.

CWA Section 303(d) Listing Process for 1998

There have been no formal regulations governing the development of the 303(d) list. New federal regulations that take effect in October 2001 will require additional documentation and require that drinking water sources and waters supporting endangered species be given special consideration in the priority setting process. The following describes the process used by the SWRCB and RWQCBs to develop the State's 1998 303(d) list:

1. Solicit from government agencies and the general public available information on water bodies in the Region, including water quality data and information on the flow, habitat, and vegetation conditions.

2. Review available information and decide which water bodies to list or delist, using the 1997 SWRCB Listing Guidelines prepared by SWRCB/RWQCB and USEPA staffs.

3. Prepare list using data from the SWRCB's Georeferenced Waterbody System (GeoWBS) database. This database is a catalogue of the State's major water bodies and contains information about water body size, specific pollutants, sources of pollutants, and affected uses. It identifies the general condition of the uses supported by each water body. The information in this database is provided by RWQCBs.

4. Assign priorities of high, medium, or low for completion of TMDLs for the pollutants or stressors of the listed water bodies. Assign dates for TMDL completion. Prepare a proposed 1998 303(d) list and TMDL priority schedule.

5. Invite public comments in a public notice period of at least 30 days. Public notice is provided through newspapers and/or through each RWQCB's public hearing process.

6. Prepare responses to comments received during the public comment period. Revise the proposed list as needed, based on public input.

7. Submit the proposed list to the RWQCB for approval.

8. Transmit the RWQCB approved list to the SWRCB for consolidation into the statewide list. The RWQCB submittals to the SWRCB included copies of public notices, resolutions, and staff reports. The staff report contains the 303(d) list, the rationale for listing and delisting, public comments, and staff responses.

The SWRCB provided public notice of a Workshop to review comments on the nine RWQCB lists. At the Workshop, the SWRCB Members heard public comments and responses from RWQCB staff. After the Workshop, SWRCB staff summarized oral and written comments and made recommendations for discussion at a subsequent public meeting. Approval of the statewide 303(d) list for submittal to USEPA occurred at an SWRCB public meeting.

For all 303(d) list updates, USEPA reviews the State's list and approves or disapproves it. If the list is disapproved, USEPA proposes a modified list with a 30-day public comment period. The USEPA's final list becomes the State's list for the next two years. In 1998, USEPA partially approved the list submitted by the SWRCB. USEPA did not fully approve the list because it believed that certain waters and pollutants should be added to the list. USEPA established the final list, including the changes it identified, pursuant to the federal requirements. As the 2000 303(d) listing was deferred due to federal rulemaking actions, the 1998 list remains operative until the 2002 listing is adopted and approved.

Process for TMDL Development

The following describes the process used by the State to develop TMDLs. TMDLs are documents that describe the maximum amount of specific pollutants that can be allowed in a water body without exceeding a water quality standard. TMDLs apportion the specified amount of allowable pollutant load among sources of that pollutant.

TMDLs in California are developed either by RWQCBs or by USEPA. TMDLs developed by RWQCBs are generally designed as Basin Plan amendments and include implementation provisions. TMDLs developed by USEPA typically contain the total load and load allocations required by Section 303(d) but do not contain comprehensive implementation provisions. This stems from the fact that USEPA authorities related to implementation of nonpoint source pollution control measures are generally limited to education and outreach as provided by CWA Section 319 and incentives created within the Section 319 grant program. Authorities under the State Porter-Cologne Water Quality Control Act provide broader control responsibilities for nonpoint source pollution control. TMDLs are currently required for all waters and pollutants on the 303(d) list. TMDLs must consider and include allocations to both point sources and nonpoint sources of listed pollutants. There also can be multiple TMDLs on a particular water body, or

there can be one TMDL that addresses numerous pollutants. The basis for grouping is whether there can be a common analytical approach to the assessment or a common management response to the impairment.

Steps for Developing TMDLs

The State's preferred approach in developing TMDLs involves five steps:

1. *Involve Stakeholders*: Stakeholders are the general public, landowner/manager, business interests, government entities, environmental groups, regulated community, or anyone concerned with a particular water body. Stakeholders are involved at the beginning of the process in order to provide input to the RWQCBs on the development of TMDLs. Some or all of the stakeholders may ultimately be responsible for implementing the TMDLs.

2. *Assess Water Body*: In this step, pollution sources and amounts or "loads" are identified for various times of the year. Then the overall effect of these loads on the water body is determined.

3. *Define the Total Load and Develop Allocations*: To ensure water quality objectives are met and beneficial uses are attained, allocations of pollutant load to all sources are established for the pollutant(s) in question. The sum of the allocations must result in the water body attaining the applicable water quality standards. Federal regulations provide that TMDLs can be expressed as mass, thermal energy, toxicity, or other appropriate measures. In California, toxicity and other appropriate measures often serve as the basis for TMDLs. As watershed management efforts mature, it is likely that an increased dependence on measures other than mass or thermal energy will serve as the basis for TMDLs.

4. *Develop Implementation Plan*: This step is a description of the approach and activities to be undertaken to ensure the allocations are met and identification of parties responsible for carrying out the actions.

5. *Amend the Basin Plan*: State and federal laws require that TMDLs be incorporated into the Basin Plans. The Basin Plan is a document that describes how an RWQCB will manage water quality. The TMDLs must be formally incorporated into the Basin Plan to be part of the basis for RWQCB actions. Basin Plan amendments are adopted through a public process that requires approval of the TMDLs by the RWQCB, SWRCB, Office of Administrative Law (OAL), and USEPA, Region 9, and are codified in State regulations (California Code of Regulations, Title 23).

The CWA Section 303(d) listing process and the TMDL process are included in the Continuing Planning Process that is required by Section 303(e) of the CWA.

(b) A description of the formal actions taken to date by the State Board and regional boards to implement federal Clean Water Act Section 303(d), including the number of TMDLs adopted, the process and criteria used to develop TMDLs and the watersheds for which TMDLs have been adopted.

As previously stated, the SWRCB formally adopted the 1998 statewide 303(d) list based on the regional lists submitted by the RWQCBs. The following table shows the number of listed water bodies in each region. A more detailed list with the schedule for TMDL development is attached (Attachment 1). The complete 1998 California 303(d) List and TMDL Priority Schedule can be found at SWRCB's website www.swrcb.ca.gov.

REGION	WATER BODIES/REACHES
1	32
2	59
3	46
4	168
5	59
6	75
7	6
8	28
9	36
TOTAL	509

TMDLs for the following water bodies and pollutants have been completed and adopted into Basin Plans:

Water Body/(Watershed)	**Pollutant**
Laguna de Santa Rosa (Russian River Watershed)	nitrate
Newport Bay/San Diego Creek (Newport Bay Watershed)	nitrogen
Newport Bay/San Diego Creek	phosphorus
Newport Bay/San Diego Creek	sediment
Newport Bay/San Diego Creek	fecal coliform
Santa Ana River (Santa Ana River Watershed)	nutrients
Salt Slough (San Joaquin River Watershed)	selenium
Grasslands (San Joaquin River Watershed)	selenium
Upper San Gabriel River (Upper San Gabriel River Watershed)	trash

The following TMDLs have been prepared by RWQCB staff, adopted by the respective RWQCBs, and are pending approval by one or more approving authorities:

Water Body/(Watershed)	**Pollutant**
Garcia River (Garcia River Watershed)	sediment
San Lorenzo River (San Lorenzo River Watershed)	nitrate

The following TMDLs have been publicly noticed for RWQCB consideration:

Water Body/(Watershed)	**Pollutant**
Indian Creek (Carson River Watershed)	phosphorus
Heavenly Valley Creek (Lake Tahoe Watershed)	sediment
Calleguas Creek (Calleguas Creek Watershed)	chloride
Los Angeles River (Los Angeles River Watershed)	trash
Santa Clarita and Santa Paula Rivers (Santa Clara River Watershed)	chloride (standard action only)

The process used to develop these TMDLs is described in *(a)*. In addition, the SWRCB has a formal process for amending Basin Plans that is established in accordance with State laws and regulations and with SWRCB policy. This process provides for:

- Public notice of RWQCB hearings and a comment period;
- A formal hearing with comments received and formal response to comments included as part of the record;
- Adoption by the RWQCB;
- Review and approval or remand by the SWRCB;
- Review and approval by the OAL; and
- Review and approval of certain types (e.g., standards actions) of the amendments by USEPA.

All TMDLs adopted by RWQCBs to date include provisions for monitoring of specific watershed elements that may affect the long-term implementation of the TMDL. They also include monitoring for tracking progress of water quality improvements moving towards the TMDL goals. Most TMDLs will require at least one mid-course correction as more information becomes available. Such a correction would need to be processed as a second Basin Plan amendment that adjusts the initial TMDL work. TMDLs established by USEPA typically will not include monitoring requirements until adopted as a Basin Plan amendment by an RWQCB.

(c) A description of the process the State Board and regional boards use for taking formal actions pursuant to the requirements of the federal Clean Water Act, Section 303(d), including actions related to criteria for prioritizing work.

The SWRCB currently does not have formal criteria for setting priorities for TMDL-related work. Work priority is determined by many factors, including the availability of financial resources and the condition of specific water bodies. TMDL schedules that have been developed to date are specifically conditioned on the availability of adequate resources to adhere to the schedule.

Because of the difficulty of estimating future resources, the SWRCB/RWQCBs' long-term TMDL schedule, which was included as part of the 303(d) list submitted to the USEPA, is conditioned on availability of resources. As part of the Watershed Management Initiative (WMI) annual planning effort, the RWQCBs develop a short-term funding projection and a five-year planning schedule for TMDLs. The funding schedule identifies how baseline funds will be allocated to individual TMDLs for the next three years and immediate needs for funding augmentations. The five-year schedule identifies the priority TMDLs for the next five-year period. Annual workplans for TMDLs document the final planning adjustments for specific TMDL work schedules.

TMDL development is an evolutionary process at our level of experience. While we know what the minimum legal requirements are for TMDLs, it is very difficult to forecast specific resource needs for the highly variable individual TMDLs. Moreover, the needs, capabilities, and resources available in one situation and location vary dramatically from those in another.

In 1997, an ad hoc workgroup of staff from the RWQCBs, SWRCB, and USEPA developed 303(d) listing guidelines that included the following criteria for priority ranking, targeting and scheduling of TMDLs:

> **"<u>Priority Ranking</u>**
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> A priority ranking should be provided for listed waters to guide TMDL planning pursuant to Title 40, Code of Federal Regulations (CFR), Part 130.7. RWQCBs should apply the following criteria in ranking TMDLs in high (H), medium (M), and low (L) priority categories:
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> • Water body significance (such as importance and extent of beneficial uses, threatened and endangered species concerns, and size of water body);
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> • Degree of impairment or threat (such as number of pollutants/stressors of concern and number of beneficial uses impaired or threatened);
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> • Conformity with related activities in the watershed (such as existence of watershed assessment, planning, pollution control, and remediation or restoration efforts in the area);
>
> • Potential for beneficial use protection or recovery;
>
> • Degree of public concern; and
>
> • Available information.
>
> All water bodies should be ranked in one of the three categories (H, M, and L). Not all high priority waters need to be targeted in the next two years for TMDLs.

Scheduling and Targeting

Schedules for starting, completing, and submitting TMDLs should be provided for all listed waters/pollutants pursuant to 40 CFR 130.7(d)(1). The schedules should provide for submittal of all TMDLs for all listed waters/pollutants on the 1998 list. Given the difficulty of estimating TMDL development timeframes, RWQCBs should make best estimates based on TMDL resource planning efforts being conducted pursuant to the WMI process. The schedules should be presented in three levels to reflect degree of certainty regarding the attainability of the schedules.

Level 1: Next Two Years: Some waters should be targeted for TMDL development over the next two years pursuant to 40 CFR 130.7. Waters should be targeted in cases where substantial work on TMDL development is expected during the next two years even if the TMDL is not scheduled for completion for two years
or later. The schedules for targeted waters should be consistent with the RWQCB's WMI planning chapter. The rationale for targeting a particular set of waters should be documented.

Level 2: Five Year Timeframe: RWQCBs should provide schedules for TMDLs to be initiated over the next five years, the resource needs for which should be reflected in the RWQCB's WMI planning chapter and addressed in WMI resource allocation decision-making. Schedules should be based on those TMDL activities for which RWQCBs are actively seeking funding support and should include TMDLs for which funding is reasonable to likely become available through other State, federal, or third party (e.g., discharger) sources.

Level 3: Years Five to 13: RWQCBs should provide tentative schedules for completing TMDLs for the remaining waters over a period not to exceed 13 years. Schedules should be based on those TMDL activities for which RWQCBs are planning to seek funding support, with appropriate contingencies stating that these provisional schedules are dependent on resource availability and further evaluation of TMDL applicability and feasibility."

(d) A description of the activities the State Board and regional boards have undertaken to involve the public in their efforts to implement the requirements of the federal Clean Water Act Section 303(d).

The SWRCB and RWQCBs have developed an informal process for engaging the public, as well as conducting the formal hearing processes required by law. In the informal process, RWQCB staff (with support from SWRCB) undertake outreach efforts either to establish local stakeholder groups to deal with TMDL issues or to bring TMDL issues to already established groups. In this process, all aspects of TMDL development are discussed with interested parties on an informal

basis. Regular meetings are often conducted and workgroups are usually formed to evaluate and make recommendations to RWQCB staff regarding specific aspects of specific TMDLs. These groups generally seek a watershed-wide focus and seek to integrate the implementation features with other ongoing regulatory and management activities.

In the formal process, as described in *(a)* and *(b)*, notices are posted in newspapers of general circulation and sent to individuals who have expressed interest in the subject (the SWRCB and RWQCBs maintain multiple mailing lists of interested parties). Staff reports and draft items are circulated before the hearings, and comments are solicited. Testimony is taken at the hearings and all comments (written and oral) are responded to formally as part of the record. A legal record is maintained for each formal action. After considering staff proposals, comments, and responses to comments, RWQCBs make a decision in regards to the issue. For TMDLs and 303(d) listing, this decision is typically sent to the SWRCB for formal review where another public review process is conducted. The SWRCB may remand the item to the RWQCB or adopt/approve the item. The 303(d) lists are sent directly to USEPA following SWRCB adoption. TMDLs as Basin Plan amendments are sent to the OAL for review and approval. If approved by OAL, the TMDL is forwarded to USEPA for review and approval. No public comment period is available for the OAL and USEPA approval steps.
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(e) Consistent with Section 13191 of the Water Code, the anticipated schedule for water quality control plan amendments the State Board and regional boards will undertake to implement the federal Clean Water Act, Section 303(d).

The schedule in Attachment 1 presents the anticipated dates for RWQCB consideration of TMDLs. This schedule was developed as part of the 1998 CWA Section 303(d) list of impaired waters. Where dates are not provided, the TMDLs have not yet been scheduled for RWQCB consideration. In some cases, the completion dates have not been met and the RWQCBs continue to develop those TMDLs. For the listed water bodies in the Los Angeles RWQCB, the schedule in Attachment 1 has been superseded by a consent decree. The schedule for TMDLs in the Los Angeles Region is provided in Attachment 2.

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

Attachment 1

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
1	E	EEL RIVER DELTA	Sedimentation/Siltation	2006
1	E	EEL RIVER DELTA	Temperature	2006
1	E	ESTERO AMERICANO	Nutrients	2006
1	E	ESTERO AMERICANO	Sedimentation/Siltation	2006
1	E	ESTERO DE SAN ANTONIO	Nutrients	1998
1	E	NAVARRO RIVER DELTA	Sedimentation/Siltation	2000
1	L	LAKE PILLSBURY	Mercury	2011
1	R	ALBION RIVER	Sedimentation/Siltation	2001
1	R	AMERICANO CREEK	Nutrients	2006
1	R	BIG RIVER	Sedimentation/Siltation	2001
1	R	EEL RIVER, MIDDLE FORK	Sedimentation/Siltation	2003
1	R	EEL RIVER, MIDDLE FORK	Temperature	2003
1	R	EEL RIVER, MIDDLE MAIN FORK	Sedimentation/Siltation	2005
1	R	EEL RIVER, MIDDLE MAIN FORK	Temperature	2005
1	R	EEL RIVER, NORTH FORK	Sedimentation/Siltation	2002
1	R	EEL RIVER, NORTH FORK	Temperature	2002
1	R	EEL RIVER, SOUTH FORK	Sedimentation/Siltation	1999
1	R	EEL RIVER, SOUTH FORK	Temperature	1999
1	R	EEL RIVER, UPPER MAIN FORK	Sedimentation/Siltation	2004
1	R	EEL RIVER, UPPER MAIN FORK	Temperature	2004
1	R	ELK RIVER	Sedimentation/Siltation	2009
1	R	FRESHWATER CREEK	Sedimentation/Siltation	2010
1	R	GARCIA RIVER	Sedimentation/Siltation	1997
1	R	GARCIA RIVER	Temperature	2000
1	R	GUALALA RIVER	Sedimentation/Siltation	2001
1	R	KLAMATH RIVER	Nutrients	2004
1	R	KLAMATH RIVER	Org. enrichment/Low D.O.	2004
1	R	KLAMATH RIVER	Temperature	2004
1	R	MAD RIVER	Sedimentation/Siltation	2007
1	R	MAD RIVER	Turbidity	2007
1	R	MATTOLE RIVER	Sedimentation/Siltation	2002
1	R	MATTOLE RIVER	Temperature	2002
1	R	NAVARRO RIVER	Sedimentation/Siltation	2000
1	R	NAVARRO RIVER	Temperature	2000
1	R	NOYO RIVER	Sedimentation/Siltation	1999
1	R	REDWOOD CREEK	Sedimentation/Siltation	1998
1	R	RUSSIAN RIVER	Sedimentation/Siltation	2011
1	R	SCOTT RIVER	Sedimentation/Siltation	2005
1	R	SCOTT RIVER	Temperature	2005
1	R	SHASTA RIVER	Org. enrichment/Low D.O.	2005
1	R	SHASTA RIVER	Temperature	2005
1	R	STEMPLE CREEK	Nutrients	1998
1	R	TEN MILE RIVER	Sedimentation/Siltation	2000
1	R	TOMKI CREEK	Sedimentation/Siltation	2004
1	R	TRINITY RIVER	Sedimentation/Siltation	2001
1	R	TRINITY RIVER, SOUTH FORK	Sedimentation/Siltation	1998
1	R	TRINITY RIVER, SOUTH FORK	Temperature	2008
1	R	VAN DUZEN RIVER	Sedimentation/Siltation	1999
2	B	CARQUINEZ STRAIT	Copper	2008
2	B	CARQUINEZ STRAIT	Mercury	2003
2	B	CARQUINEZ STRAIT	Nickel	2010
2	B	CARQUINEZ STRAIT	Selenium	2010
2	B	CARQUINEZ STRAIT	Exotic Species	2003
2	B	CARQUINEZ STRAIT	Chlordane	
2	B	CARQUINEZ STRAIT	DDT	
2	B	CARQUINEZ STRAIT	Diazinon	2005
2	B	CARQUINEZ STRAIT	Dieldrin	
2	B	CARQUINEZ STRAIT	Dioxin compounds	
2	B	CARQUINEZ STRAIT	Furan compounds	
2	B	CARQUINEZ STRAIT	PCBs	2008
2	B	CARQUINEZ STRAIT	PCBs (dioxin-like)	
2	B	RICHARDSON BAY	Mercury	2003
2	B	RICHARDSON BAY	Exotic Species	2003
2	B	RICHARDSON BAY	Chlordane	
2	B	RICHARDSON BAY	DDT	
2	B	RICHARDSON BAY	Dieldrin	
2	B	RICHARDSON BAY	Dioxin compounds	
2	B	RICHARDSON BAY	Furan compounds	
2	B	RICHARDSON BAY	High Coliform Count	2008
2	B	RICHARDSON BAY	PCBs	2008

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
2	B	RICHARDSON BAY	PCBs (dioxin-like)	
2	B	SAN FRANCISCO BAY, CENTRAL	Copper	2008
2	B	SAN FRANCISCO BAY, CENTRAL	Mercury	2003
2	B	SAN FRANCISCO BAY, CENTRAL	Selenium	2010
2	B	SAN FRANCISCO BAY, CENTRAL	Exotic Species	2003
2	B	SAN FRANCISCO BAY, CENTRAL	Chlordane	
2	B	SAN FRANCISCO BAY, CENTRAL	DDT	
2	B	SAN FRANCISCO BAY, CENTRAL	Diazinon	2005
2	B	SAN FRANCISCO BAY, CENTRAL	Dieldrin	
2	B	SAN FRANCISCO BAY, CENTRAL	Dioxin compounds	
2	B	SAN FRANCISCO BAY, CENTRAL	Furan compounds	
2	B	SAN FRANCISCO BAY, CENTRAL	PCBs	2008
2	B	SAN FRANCISCO BAY, CENTRAL	PCBs (dioxin-like)	
2	B	SAN FRANCISCO BAY, LOWER	Copper	2008
2	B	SAN FRANCISCO BAY, LOWER	Mercury	2003
2	B	SAN FRANCISCO BAY, LOWER	Nickel	2008
2	B	SAN FRANCISCO BAY, LOWER	Exotic Species	2003
2	B	SAN FRANCISCO BAY, LOWER	Chlordane	
2	B	SAN FRANCISCO BAY, LOWER	DDT	
2	B	SAN FRANCISCO BAY, LOWER	Diazinon	2005
2	B	SAN FRANCISCO BAY, LOWER	Dieldrin	
2	B	SAN FRANCISCO BAY, LOWER	Dioxin compounds	
2	B	SAN FRANCISCO BAY, LOWER	Furan compounds	
2	B	SAN FRANCISCO BAY, LOWER	PCBs	2008
2	B	SAN FRANCISCO BAY, LOWER	PCBs (dioxin-like)	
2	B	SAN FRANCISCO BAY, SOUTH	Copper	2003
2	B	SAN FRANCISCO BAY, SOUTH	Mercury	2003
2	B	SAN FRANCISCO BAY, SOUTH	Nickel	2003
2	B	SAN FRANCISCO BAY, SOUTH	Selenium	2010
2	B	SAN FRANCISCO BAY, SOUTH	Exotic Species	2003
2	B	SAN FRANCISCO BAY, SOUTH	Chlordane	
2	B	SAN FRANCISCO BAY, SOUTH	DDT	
2	B	SAN FRANCISCO BAY, SOUTH	Diazinon	2005
2	B	SAN FRANCISCO BAY, SOUTH	Dieldrin	
2	B	SAN FRANCISCO BAY, SOUTH	Dioxin compounds	
2	B	SAN FRANCISCO BAY, SOUTH	Furan compounds	
2	B	SAN FRANCISCO BAY, SOUTH	PCBs	2008
2	B	SAN FRANCISCO BAY, SOUTH	PCBs (dioxin-like)	
2	B	SAN PABLO BAY	Copper	2008
2	B	SAN PABLO BAY	Mercury	2003
2	B	SAN PABLO BAY	Nickel	2010
2	B	SAN PABLO BAY	Selenium	2010
2	B	SAN PABLO BAY	Exotic Species	2003
2	B	SAN PABLO BAY	Chlordane	
2	B	SAN PABLO BAY	DDT	
2	B	SAN PABLO BAY	Diazinon	2005
2	B	SAN PABLO BAY	Dieldrin	
2	B	SAN PABLO BAY	Dioxin compounds	
2	B	SAN PABLO BAY	Furan compounds	
2	B	SAN PABLO BAY	PCBs	2008
2	B	SAN PABLO BAY	PCBs (dioxin-like)	
2	B	SUISUN BAY	Copper	2008
2	B	SUISUN BAY	Mercury	2003
2	B	SUISUN BAY	Nickel	2010
2	B	SUISUN BAY	Selenium	2010
2	B	SUISUN BAY	Exotic Species	2003
2	B	SUISUN BAY	Chlordane	
2	B	SUISUN BAY	DDT	
2	B	SUISUN BAY	Diazinon	2005
2	B	SUISUN BAY	Dieldrin	
2	B	SUISUN BAY	Dioxin compounds	
2	B	SUISUN BAY	Furan compounds	
2	B	SUISUN BAY	PCBs	2008
2	B	SUISUN BAY	PCBs (dioxin-like)	
2	B	TOMALES BAY	Metals	2007
2	B	TOMALES BAY	Nutrients	2007
2	B	TOMALES BAY	Sedimentation/Siltation	2007
2	B	TOMALES BAY	Pathogens	2007
2	E	SACRAMENTO SAN JOAQUIN DELTA	Copper	2008
2	E	SACRAMENTO SAN JOAQUIN DELTA	Mercury	2003

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

Attachment 1

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
2	E	SACRAMENTO SAN JOAQUIN DELTA	Nickel	2010
2	E	SACRAMENTO SAN JOAQUIN DELTA	Selenium	2010
2	E	SACRAMENTO SAN JOAQUIN DELTA	Exotic Species	2003
2	E	SACRAMENTO SAN JOAQUIN DELTA	Chlordane	
2	E	SACRAMENTO SAN JOAQUIN DELTA	DDT	
2	E	SACRAMENTO SAN JOAQUIN DELTA	Diazinon	2005
2	E	SACRAMENTO SAN JOAQUIN DELTA	Dieldrin	
2	E	SACRAMENTO SAN JOAQUIN DELTA	Dioxin compounds	
2	E	SACRAMENTO SAN JOAQUIN DELTA	Furan compounds	
2	E	SACRAMENTO SAN JOAQUIN DELTA	PCBs	2008
2	E	SACRAMENTO SAN JOAQUIN DELTA	PCBs (dioxin-like)	
2	L	CALERO RESERVOIR	Mercury	2003
2	L	GUADALUPE RESERVOIR	Mercury	2003
2	L	LAKE HERMAN	Mercury	2010
2	L	MERRITT LAKE	Org. enrichment/Low D.O.	
2	L	MERRITT LAKE	Floating Material	
2	R	ALAMEDA CREEK	Diazinon	
2	R	ALAMITOS CREEK	Mercury	2003
2	R	ARROYO CORTE MADERA DEL PRESIDIO	Diazinon	
2	R	ARROYO DE LA LAGUNA	Diazinon	
2	R	ARROYO DEL VALLE	Diazinon	
2	R	ARROYO HONDO	Diazinon	
2	R	BUTANO CREEK	Sedimentation/Siltation	2005
2	R	CALABAZAS CREEK	Diazinon	
2	R	CORTE MADERA CREEK	Diazinon	
2	R	COYOTE CREEK (MARIN CO)	Diazinon	
2	R	COYOTE CREEK (SANTA CLARA CO.)	Diazinon	
2	R	GALLINAS CREEK	Diazinon	
2	R	GUADALUPE CREEK	Mercury	2003
2	R	GUADALUPE RIVER	Mercury	2003
2	R	GUADALUPE RIVER	Diazinon	
2	R	LAGUNITAS CREEK	Nutrients	2007
2	R	LAGUNITAS CREEK	Sedimentation/Siltation	2007
2	R	LAGUNITAS CREEK	Pathogens	2007
2	R	LAUREL CREEK	Diazinon	
2	R	LEDGEWOOD CREEK	Diazinon	
2	R	LOS GATOS CREEK (REG 2)	Diazinon	
2	R	MATADERO CREEK	Diazinon	
2	R	MILLER CREEK	Diazinon	
2	R	MT. DIABLO CREEK	Diazinon	
2	R	NAPA RIVER	Nutrients	2005
2	R	NAPA RIVER	Sedimentation/Siltation	2003
2	R	NAPA RIVER	Pathogens	2005
2	R	NOVATO CREEK	Diazinon	
2	R	PERMANENTE CREEK	Diazinon	
2	R	PESCADERO CREEK (REG 2)	Sedimentation/Siltation	2005
2	R	PETALUMA RIVER	Nutrients	2005
2	R	PETALUMA RIVER	Sedimentation/Siltation	2005
2	R	PETALUMA RIVER	Pathogens	2005
2	R	PINE CREEK	Diazinon	
2	R	PINOLE CREEK	Diazinon	
2	R	RODEO CREEK	Diazinon	
2	R	SAN ANTONIO CREEK (REG 2)	Diazinon	
2	R	SAN FELIPE CREEK	Diazinon	
2	R	SAN FRANCISQUITO CREEK	Sedimentation/Siltation	2005
2	R	SAN FRANCISQUITO CREEK	Diazinon	
2	R	SAN GREGORIO CREEK	Sedimentation/Siltation	2005
2	R	SAN LEANDRO CREEK	Diazinon	
2	R	SAN LORENZO CREEK (R2)	Diazinon	
2	R	SAN MATEO CREEK	Diazinon	
2	R	SAN PABLO CREEK	Diazinon	
2	R	SAN RAFAEL CREEK	Diazinon	
2	R	SARATOGA CREEK	Diazinon	
2	R	SONOMA CREEK	Nutrients	2005
2	R	SONOMA CREEK	Sedimentation/Siltation	2005
2	R	SONOMA CREEK	Pathogens	2005
2	R	STEVENS CREEK	Diazinon	
2	R	SUISUN SLOUGH	Diazinon	
2	R	WALKER CREEK	Metals	2007
2	R	WALKER CREEK	Nutrients	2007

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
2	R	WALKER CREEK	Sedimentation/Siltation	2007
2	R	WALNUT CREEK	Diazinon	
2	R	WILDCAT CREEK	Diazinon	
2	T	SUISUN MARSH WETLANDS	Metals	2008
2	T	SUISUN MARSH WETLANDS	Nutrients	2008
2	T	SUISUN MARSH WETLANDS	Org. enrichment/Low D.O.	2008
2	T	SUISUN MARSH WETLANDS	Salinity	2008
3	B	MONTEREY HARBOR	Unknown Toxicity	2011
3	B	MONTEREY HARBOR	Metals	2003
3	B	MORRO BAY	Metals	2000
3	B	MORRO BAY	Sedimentation/Siltation	1999
3	B	MORRO BAY	Pathogens	2000
3	B	MOSS LANDING HARBOR	Pesticides	2009
3	B	MOSS LANDING HARBOR	Sedimentation/Siltation	2009
3	B	MOSS LANDING HARBOR	Pathogens	2009
3	C	MONTEREY BAY SOUTH	Pesticides	2011
3	C	MONTEREY BAY SOUTH	Metals	2011
3	C	PACIFIC OCEAN AT POINT RINCON	Pathogens	2011
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	Priority Organics	2011
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	Nutrients	2011
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	Sedimentation/Siltation	2011
3	E	CARPINTERIA MARSH (EL ESTERO MARSH)	Org. enrichment/Low D.O.	2011
3	E	ELKHORN SLOUGH	Pesticides	2009
3	E	ELKHORN SLOUGH	Sedimentation/Siltation	2009
3	E	ELKHORN SLOUGH	Pathogens	2009
3	E	GOLETA SLOUGH/ESTUARY	Priority Organics	2011
3	E	GOLETA SLOUGH/ESTUARY	Metals	2011
3	E	GOLETA SLOUGH/ESTUARY	Sedimentation/Siltation	2011
3	E	GOLETA SLOUGH/ESTUARY	Pathogens	2011
3	E	OLD SALINAS RIVER ESTUARY	Pesticides	2003
3	E	OLD SALINAS RIVER ESTUARY	Nutrients	2003
3	E	SALINAS RIVER LAGOON (NORTH)	Pesticides	2003
3	E	SALINAS RIVER LAGOON (NORTH)	Nutrients	2003
3	E	SALINAS RIVER LAGOON (NORTH)	Sedimentation/Siltation	2001
3	E	SAN LORENZO RIVER ESTUARY	Sedimentation/Siltation	2000
3	E	SAN LORENZO RIVER ESTUARY	Pathogens	2001
3	E	WATSONVILLE SLOUGH	Pesticides	2003
3	E	WATSONVILLE SLOUGH	Metals	2003
3	E	WATSONVILLE SLOUGH	Sedimentation/Siltation	2001
3	E	WATSONVILLE SLOUGH	Pathogens	2003
3	E	WATSONVILLE SLOUGH	Oil and grease	2003
3	L	HERNANDEZ RESERVOIR	Mercury	2003
3	L	NACIMIENTO RESERVOIR	Metals	2000
3	R	APTOS CREEK	Sedimentation/Siltation	2001
3	R	APTOS CREEK	Pathogens	2011
3	R	ARROYO BURRO CREEK	Pathogens	2011
3	R	BLANCO DRAIN	Pesticides	2005
3	R	CARBONERA CREEK	Nutrients	2000
3	R	CARBONERA CREEK	Sedimentation/Siltation	2000
3	R	CARBONERA CREEK	Pathogens	2001
3	R	CARPINTERIA CREEK	Pathogens	2011
3	R	CHORRO CREEK	Metals	2000
3	R	CHORRO CREEK	Nutrients	2000
3	R	CHORRO CREEK	Sedimentation/Siltation	1999
3	R	CLEAR CREEK (R3)	Mercury	2003
3	R	LAS TABLAS CREEK	Metals	2000
3	R	LAS TABLAS CREEK, NORTH FORK	Metals	2000
3	R	LAS TABLAS CREEK, SOUTH FORK	Metals	2000
3	R	LLAGAS CREEK	Nutrients	2001
3	R	LLAGAS CREEK	Sedimentation/Siltation	2001
3	R	LOMPICO CREEK	Nutrients	2000
3	R	LOMPICO CREEK	Sedimentation/Siltation	2000
3	R	LOMPICO CREEK	Pathogens	2001
3	R	LOS OSOS CREEK	Priority Organics	2000
3	R	LOS OSOS CREEK	Nutrients	2000
3	R	LOS OSOS CREEK	Sedimentation/Siltation	1999

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
3	R	MISSION CREEK	Unknown Toxicity	2011
3	R	MISSION CREEK	Pathogens	2011
3	R	PAJARO RIVER	Nutrients	2001
3	R	PAJARO RIVER	Sedimentation/Siltation	2001
3	R	RIDER GULCH CREEK	Sedimentation/Siltation	2001
3	R	SALINAS RECLAMATION CANAL	Pesticides	2005
3	R	SALINAS RECLAMATION CANAL	Priority Organics	2005
3	R	SALINAS RIVER	Pesticides	2003
3	R	SALINAS RIVER	Nutrients	2003
3	R	SALINAS RIVER	Sedimentation/Siltation	2001
3	R	SALINAS RIVER	Salinity/TDS/Chlorides	2003
3	R	SAN ANTONIO CREEK (SANTA BARBARA COUNTY)	Sedimentation/Siltation	2011
3	R	SAN BENITO RIVER	Sedimentation/Siltation	2001
3	R	SAN LORENZO RIVER	Nutrients	2000
3	R	SAN LORENZO RIVER	Sedimentation/Siltation	2000
3	R	SAN LORENZO RIVER	Pathogens	2001
3	R	SAN LUIS OBISPO CRK.(BELOW W.MARSH ST.)	Priority Organics	2001
3	R	SAN LUIS OBISPO CRK.(BELOW W.MARSH ST.)	Nutrients	2000
3	R	SAN LUIS OBISPO CRK.(BELOW W.MARSH ST.)	Pathogens	2000
3	R	SANTA YNEZ RIVER	Nutrients	2007
3	R	SANTA YNEZ RIVER	Sedimentation/Siltation	2007
3	R	SANTA YNEZ RIVER	Salinity/TDS/Chlorides	2007
3	R	SHINGLE MILL CREEK	Nutrients	2001
3	R	SHINGLE MILL CREEK	Sedimentation/Siltation	2001
3	R	VALENCIA CREEK	Sedimentation/Siltation	2005
3	R	VALENCIA CREEK	Pathogens	2011
3	R	WADDELL CREEK, EAST BRANCH	Nutrients	2005
3	W	ESPINOSA SLOUGH	Pesticides	2003
3	W	ESPINOSA SLOUGH	Priority Organics	2003
3	W	ESPINOSA SLOUGH	Nutrients	2003
3	W	MORO COJO SLOUGH	Pesticides	2011
3	W	MORO COJO SLOUGH	Sedimentation/Siltation	2011
3	W	SALINAS RIVER REFUGE LAGOON (SOUTH)	Pesticides	2003
3	W	SALINAS RIVER REFUGE LAGOON (SOUTH)	Nutrients	2001
3	W	SALINAS RIVER REFUGE LAGOON (SOUTH)	Salinity/TDS/Chlorides	2003
3	W	SCHWAN LAKE	Nutrients	2011
3	W	SCHWAN LAKE	Pathogens	2011
3	W	SOQUEL LAGOON	Nutrients	2007
3	W	SOQUEL LAGOON	Sedimentation/Siltation	2005
3	W	SOQUEL LAGOON	Pathogens	2007
3	W	TEMBLADERO SLOUGH	Pesticides	2003
3	W	TEMBLADERO SLOUGH	Nutrients	2003
4	B	CHANNEL ISLANDS HARBOR	Lead	
4	B	CHANNEL ISLANDS HARBOR	Zinc	
4	B	LA FISH HARBOR	DDT	
4	B	LA FISH HARBOR	PAHs	
4	B	LA FISH HARBOR	PCBs	
4	B	LA FISH HARBOR	Tributyltin	
4	B	LA HARBOR CONSOLIDATED SLIP	Chromium	
4	B	LA HARBOR CONSOLIDATED SLIP	Lead	
4	B	LA HARBOR CONSOLIDATED SLIP	Zinc	
4	B	LA HARBOR CONSOLIDATED SLIP	Sediment Toxicity	
4	B	LA HARBOR CONSOLIDATED SLIP	Benthic Comm. Effects	
4	B	LA HARBOR CONSOLIDATED SLIP	Chlordane	
4	B	LA HARBOR CONSOLIDATED SLIP	DDT	
4	B	LA HARBOR CONSOLIDATED SLIP	PAHs	
4	B	LA HARBOR CONSOLIDATED SLIP	PCBs	
4	B	LA HARBOR CONSOLIDATED SLIP	Tributyltin	
4	B	LA HARBOR INNER BREAKWATER	DDT	
4	B	LA HARBOR INNER BREAKWATER	PAHs	
4	B	LA HARBOR INNER BREAKWATER	PCBs	
4	B	LA HARBOR INNER BREAKWATER	Tributyltin	
4	B	LA HARBOR MAIN CHANNEL	Copper	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	B	LA HARBOR MAIN CHANNEL	Zinc	
4	B	LA HARBOR MAIN CHANNEL	Sediment Toxicity	
4	B	LA HARBOR MAIN CHANNEL	Beach Closures	
4	B	LA HARBOR MAIN CHANNEL	DDT	
4	B	LA HARBOR MAIN CHANNEL	PAHs	
4	B	LA HARBOR MAIN CHANNEL	PCBs	
4	B	LA HARBOR MAIN CHANNEL	Tributyltin	
4	B	LA HARBOR SOUTHWEST SLIP	Sediment Toxicity	
4	B	LA HARBOR SOUTHWEST SLIP	DDT	
4	B	LA HARBOR SOUTHWEST SLIP	PCBs	
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	Sediment Toxicity	
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	Benthic Comm. Effects	
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	DDT	
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	PAHs	
4	B	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	PCBs	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Copper	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Lead	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Zinc	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Fish Consumption Advisory	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Sediment Toxicity	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Benthic Comm. Effects	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Chlordane	
4	B	MARINA DEL REY HARBOR-BACK BASINS	DDT	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Dieldrin	
4	B	MARINA DEL REY HARBOR-BACK BASINS	High Coliform Count	
4	B	MARINA DEL REY HARBOR-BACK BASINS	PCBs	
4	B	MARINA DEL REY HARBOR-BACK BASINS	Tributyltin	
4	B	PORT HUENEME HARBOR (BACK BASINS)	Zinc	
4	B	PORT HUENEME HARBOR (BACK BASINS)	DDT	
4	B	PORT HUENEME HARBOR (BACK BASINS)	PAHs	
4	B	PORT HUENEME HARBOR (BACK BASINS)	PCBs	
4	B	PORT HUENEME HARBOR (BACK BASINS)	Tributyltin	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	Chromium	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	Copper	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	Zinc	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	Sediment Toxicity	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	DDT	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	PAHs	
4	B	SAN PEDRO BAY NEARS/OFF SHORE ZONES-CABRILLO PIER AREA	PCBs	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Cadmium	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Copper	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Lead	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Mercury	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Nickel	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Silver	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Zinc	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Debris	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Fish Consumption Advisory	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Sediment Toxicity	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Chlordane	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	DDT	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	PAHs	
4	B	SANTA MONICA BAY OFFSHORE AND NEARSHORE	PCBs	
4	B	VENTURA HARBOR: VENTURA KEYES	High Coliform Count	
4	C	ABALONE COVE BEACH	Beach Closures	
4	C	ABALONE COVE BEACH	DDT	
4	C	ABALONE COVE BEACH	PCBs	
4	C	AMARILLO BEACH	DDT	
4	C	AMARILLO BEACH	PCBs	
4	C	BIG ROCK BEACH	Beach Closures	
4	C	BIG ROCK BEACH	DDT	
4	C	BIG ROCK BEACH	High Coliform Count	
4	C	BIG ROCK BEACH	PCBs	
4	C	BLUFF COVE BEACH	Beach Closures	
4	C	BLUFF COVE BEACH	DDT	
4	C	BLUFF COVE BEACH	PCBs	
4	C	CABRILLO BEACH (INNER) LA HARBOR AREA	Beach Closures (Coliform)	
4	C	CABRILLO BEACH (INNER) LA HARBOR AREA	DDT	
4	C	CABRILLO BEACH (INNER) LA HARBOR AREA	PCBs	
4	C	CABRILLO BEACH OUTER	Beach Closures	
4	C	CABRILLO BEACH OUTER	DDT	
4	C	CABRILLO BEACH OUTER	High Coliform Count	
4	C	CABRILLO BEACH OUTER	PCBs	
4	C	CARBON BEACH	Beach Closures	
4	C	CARBON BEACH	DDT	
4	C	CARBON BEACH	PCBs	
4	C	CASTLEROCK BEACH	Beach Closures	
4	C	CASTLEROCK BEACH	DDT	
4	C	CASTLEROCK BEACH	PCBs	
4	C	DAN BLOCKER MEMORIAL (CORAL) BEACH	High Coliform Count	
4	C	DOCKWEILER BEACH	Beach Closures	
4	C	DOCKWEILER BEACH	High Coliform Count	
4	C	ESCONDIDO BEACH	Beach Closures	
4	C	ESCONDIDO BEACH	DDT	
4	C	ESCONDIDO BEACH	PCBs	
4	C	FLAT ROCK POINT BEACH AREA	Beach Closures	
4	C	FLAT ROCK POINT BEACH AREA	DDT	
4	C	FLAT ROCK POINT BEACH AREA	PCBs	
4	C	HERMOSA BEACH	Beach Closures	
4	C	INSPIRATION POINT BEACH	Beach Closures	
4	C	INSPIRATION POINT BEACH	DDT	
4	C	INSPIRATION POINT BEACH	PCBs	
4	C	LA COSTA BEACH	Beach Closures	
4	C	LA COSTA BEACH	DDT	
4	C	LA COSTA BEACH	PCBs	
4	C	LAS FLORES BEACH	DDT	
4	C	LAS FLORES BEACH	High Coliform Count	
4	C	LAS FLORES BEACH	PCBs	
4	C	LAS TUNAS BEACH	Beach Closures	
4	C	LAS TUNAS BEACH	DDT	
4	C	LAS TUNAS BEACH	PCBs	
4	C	LEO CARILLO BEACH (SOUTH OF COUNTY LINE)	Beach Closures	
4	C	LEO CARILLO BEACH (SOUTH OF COUNTY LINE)	High Coliform Count	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	C	LONG POINT BEACH	DDT	
4	C	LONG POINT BEACH	High Coliform Count	
4	C	LONG POINT BEACH	PCBs	
4	C	LUNADA BAY BEACH	Beach Closures	
4	C	MALAGA COVE BEACH	Beach Closures	
4	C	MALAGA COVE BEACH	DDT	
4	C	MALAGA COVE BEACH	PCBs	
4	C	MALIBU BEACH	Beach Closures	
4	C	MALIBU BEACH	DDT	
4	C	MALIBU LAGOON BEACH (SURFRIDER)	Beach Closures	
4	C	MALIBU LAGOON BEACH (SURFRIDER)	DDT	
4	C	MALIBU LAGOON BEACH (SURFRIDER)	High Coliform Count	
4	C	MALIBU LAGOON BEACH (SURFRIDER)	PCBs	
4	C	MANDALAY BEACH	Beach Closures	
4	C	MANHATTAN BEACH	Beach Closures	
4	C	MARINA DEL REY HARBOR BEACH	Beach Closures	
4	C	MARINA DEL REY HARBOR BEACH	High Coliform Count	
4	C	MCGRATH BEACH	Beach Closures	
4	C	MCGRATH BEACH	High Coliform Count	
4	C	NICHOLAS CANYON BEACH	Beach Closures	
4	C	NICHOLAS CANYON BEACH	DDT	
4	C	NICHOLAS CANYON BEACH	PCBs	
4	C	PALO VERDE SHORELINE PARK BEACH	Pesticides	
4	C	PALO VERDE SHORELINE PARK BEACH	Pathogens	
4	C	PARADISE COVE BEACH	Beach Closures	
4	C	PARADISE COVE BEACH	DDT	
4	C	PARADISE COVE BEACH	High Coliform Count	
4	C	PARADISE COVE BEACH	PCBs	
4	C	POINT DUME BEACH	Beach Closures	
4	C	POINT DUME BEACH	DDT	
4	C	POINT DUME BEACH	PCBs	
4	C	POINT FERMIN PARK BEACH	Beach Closures	
4	C	POINT FERMIN PARK BEACH	DDT	
4	C	POINT FERMIN PARK BEACH	PCBs	
4	C	POINT VICENTE BEACH	Beach Closures	
4	C	PORTUGESE BEND BEACH	Beach Closures	
4	C	PORTUGESE BEND BEACH	DDT	
4	C	PORTUGESE BEND BEACH	PCBs	
4	C	PUERCO BEACH	Beach Closures	
4	C	PUERCO BEACH	DDT	
4	C	PUERCO BEACH	PCBs	
4	C	REDONDO BEACH	Beach Closures	
4	C	REDONDO BEACH	DDT	
4	C	REDONDO BEACH	High Coliform Count	
4	C	REDONDO BEACH	PCBs	
4	C	RESORT POINT BEACH	Beach Closures	
4	C	ROBERT H MEYER MEMORIAL BEACH	Beach Closures	
4	C	ROBERT H MEYER MEMORIAL BEACH	DDT	
4	C	ROBERT H MEYER MEMORIAL BEACH	PCBs	
4	C	ROCKY POINT BEACH	Beach Closures	
4	C	ROYAL PALMS BEACH	Beach Closures	
4	C	ROYAL PALMS BEACH	DDT	
4	C	ROYAL PALMS BEACH	PCBs	
4	C	SANTA CLARA RIVER ESTUARY BEACH/SURFERS KNOLL	High Coliform Count	
4	C	SANTA MONICA BEACH	Beach Closures	
4	C	SANTA MONICA BEACH	High Coliform Count	
4	C	SEA LEVEL BEACH	Beach Closures	
4	C	SEA LEVEL BEACH	DDT	
4	C	SEA LEVEL BEACH	PCBs	
4	C	TOPANGA BEACH	Beach Closures	
4	C	TOPANGA BEACH	DDT	
4	C	TOPANGA BEACH	High Coliform Count	
4	C	TOPANGA BEACH	PCBs	
4	C	TORRANCE BEACH	Beach Closures	
4	C	TORRANCE BEACH	High Coliform Count	
4	C	TRANCAS BEACH (BROAD BEACH)	Beach Closures	
4	C	TRANCAS BEACH (BROAD BEACH)	DDT	
4	C	TRANCAS BEACH (BROAD BEACH)	High Coliform Count	
4	C	TRANCAS BEACH (BROAD BEACH)	PCBs	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	C	VENICE BEACH	Beach Closures	
4	C	VENICE BEACH	High Coliform Count	
4	C	WHITES POINT BEACH	Beach Closures	
4	C	WHITES POINT BEACH	DDT	
4	C	WHITES POINT BEACH	PCBs	
4	C	WILL ROGERS BEACH	Beach Closures	
4	C	WILL ROGERS BEACH	High Coliform Count	
4	C	ZUMA (WESTWARD BEACH)	Beach Closures	
4	C	ZUMA (WESTWARD BEACH)	DDT	
4	C	ZUMA (WESTWARD BEACH)	PCBs	
4	E	MALIBU LAGOON	Eutrophic	2002
4	E	MALIBU LAGOON	Shellfish Harvesting Adv.	
4	E	MALIBU LAGOON	Benthic Comm. Effects	
4	E	MALIBU LAGOON	Swimming Restrictions	
4	E	MALIBU LAGOON	High Coliform Count	
4	E	MALIBU LAGOON	Enteric Viruses	
4	E	MUGU LAGOON	Copper	
4	E	MUGU LAGOON	Mercury	
4	E	MUGU LAGOON	Nickel	
4	E	MUGU LAGOON	Zinc	
4	E	MUGU LAGOON	Nitrogen	
4	E	MUGU LAGOON	Sedimentation/Siltation	
4	E	MUGU LAGOON	Sediment Toxicity	
4	E	MUGU LAGOON	Chlordane	
4	E	MUGU LAGOON	Dacthal	
4	E	MUGU LAGOON	DDT	
4	E	MUGU LAGOON	Endosulfan	
4	E	MUGU LAGOON	PCBs	
4	L	CRYSTAL LAKE	Org. enrichment/Low D.O.	
4	L	ECHO PARK LAKE	Copper	
4	L	ECHO PARK LAKE	Lead	
4	L	ECHO PARK LAKE	Ammonia	1999
4	L	ECHO PARK LAKE	pH	
4	L	ECHO PARK LAKE	Eutrophic	
4	L	ECHO PARK LAKE	Odors	
4	L	ECHO PARK LAKE	Algae	
4	L	ECHO PARK LAKE	Trash	
4	L	ECHO PARK LAKE	PCBs	
4	L	EL DORADO LAKES	Copper	
4	L	EL DORADO LAKES	Lead	
4	L	EL DORADO LAKES	Mercury	
4	L	EL DORADO LAKES	Ammonia	1999
4	L	EL DORADO LAKES	pH	
4	L	EL DORADO LAKES	Eutrophic	
4	L	EL DORADO LAKES	Algae	
4	L	ELIZABETH LAKE	pH	
4	L	ELIZABETH LAKE	Org. enrichment/Low D.O.	
4	L	ELIZABETH LAKE	Eutrophic	
4	L	ELIZABETH LAKE	Trash	
4	L	LAKE CALABASAS	Copper	
4	L	LAKE CALABASAS	Zinc	
4	L	LAKE CALABASAS	Ammonia	
4	L	LAKE CALABASAS	pH	
4	L	LAKE CALABASAS	Org. enrichment/Low D.O.	
4	L	LAKE CALABASAS	Eutrophic	
4	L	LAKE CALABASAS	Odors	
4	L	LAKE CALABASAS	DDT	
4	L	LAKE HUGHES	Eutrophic	
4	L	LAKE HUGHES	Odors	
4	L	LAKE HUGHES	Algae	
4	L	LAKE HUGHES	Trash	
4	L	LAKE HUGHES	Fish Kills	
4	L	LAKE LINDERO	Selenium	
4	L	LAKE LINDERO	Eutrophic	2002
4	L	LAKE LINDERO	Specific conductivity	
4	L	LAKE LINDERO	Chloride	
4	L	LAKE LINDERO	Odors	
4	L	LAKE LINDERO	Algae	
4	L	LAKE LINDERO	Trash	
4	L	LAKE SHERWOOD	Mercury	

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	L	LAKE SHERWOOD	Ammonia	
4	L	LAKE SHERWOOD	Org. enrichment/Low D.O.	
4	L	LAKE SHERWOOD	Eutrophic	2002
4	L	LAKE SHERWOOD	Algae	
4	L	LEGG LAKE	Copper	
4	L	LEGG LAKE	Lead	
4	L	LEGG LAKE	Ammonia	
4	L	LEGG LAKE	pH	
4	L	LEGG LAKE	Odors	
4	L	LEGG LAKE	Trash	
4	L	LINCOLN PARK LAKE	Lead	
4	L	LINCOLN PARK LAKE	Ammonia	1999
4	L	LINCOLN PARK LAKE	Org. enrichment/Low D.O.	
4	L	LINCOLN PARK LAKE	Eutrophic	
4	L	LINCOLN PARK LAKE	Odors	
4	L	LINCOLN PARK LAKE	Trash	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Ammonia	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Eutrophic	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Odors	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Algae	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Trash	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Chlordane	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	DDT	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	Dieldrin	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	ChemA	
4	L	MACHADO LAKE (HARBOR PARK LAKE)	PCBs	
4	L	MALIBOU LAKE	Copper	
4	L	MALIBOU LAKE	Org. enrichment/Low D.O.	
4	L	MALIBOU LAKE	Eutrophic	2002
4	L	MALIBOU LAKE	Algae	
4	L	MALIBOU LAKE	Chlordane	
4	L	MALIBOU LAKE	PCBs	
4	L	MATILIJA RESERVOIR	Fish barriers	
4	L	MCGRATH LAKE (ESTUARY)	Pesticides	
4	L	MCGRATH LAKE (ESTUARY)	Sediment Toxicity	
4	L	MCGRATH LAKE (ESTUARY)	Chlordane	
4	L	MCGRATH LAKE (ESTUARY)	DDT	
4	L	MUNZ LAKE	Eutrophic	
4	L	MUNZ LAKE	Trash	
4	L	PECK ROAD PARK LAKE	Lead	
4	L	PECK ROAD PARK LAKE	Org. enrichment/Low D.O.	
4	L	PECK ROAD PARK LAKE	Odors	
4	L	PECK ROAD PARK LAKE	Trash	
4	L	PECK ROAD PARK LAKE	Chlordane	
4	L	PECK ROAD PARK LAKE	DDT	
4	L	PUDDINGSTONE RESERVOIR	Mercury	
4	L	PUDDINGSTONE RESERVOIR	Org. enrichment/Low D.O.	
4	L	PUDDINGSTONE RESERVOIR	Chlordane	
4	L	PUDDINGSTONE RESERVOIR	DDT	
4	L	PUDDINGSTONE RESERVOIR	PCBs	
4	L	SANTA FE DAM PARK LAKE	Copper	
4	L	SANTA FE DAM PARK LAKE	Lead	
4	L	SANTA FE DAM PARK LAKE	pH	
4	L	WESTLAKE LAKE	Copper	
4	L	WESTLAKE LAKE	Lead	
4	L	WESTLAKE LAKE	Ammonia	
4	L	WESTLAKE LAKE	Org. enrichment/Low D.O.	
4	L	WESTLAKE LAKE	Eutrophic	2002
4	L	WESTLAKE LAKE	Algae	
4	L	WESTLAKE LAKE	Chlordane	
4	R	ALISO CANYON WASH	Selenium	
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Ammonia	
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Nitrate and Nitrite	
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Chloride	2000
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Total Dissolved Solids	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Sulfates	
4	R	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	DDT	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Ammonia	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Nitrate and Nitrite	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Chloride	2000
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Total Dissolved Solids	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Sulfates	
4	R	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	DDT	
4	R	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	Algae	
4	R	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	Trash	
4	R	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	High Coliform Count	
4	R	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	Algae	
4	R	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	Trash	
4	R	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	High Coliform Count	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Boron	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Chromium	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Nickel	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Selenium	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Silver	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Zinc	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Ammonia	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Chloride	2000
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Total Dissolved Solids	
4	R	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Sulfates	
4	R	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Boron	
4	R	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Total Dissolved Solids	
4	R	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Sulfates	
4	R	ASHLAND AVENUE DRAIN	Toxicity	
4	R	ASHLAND AVENUE DRAIN	Org. enrichment/Low D.O.	
4	R	ASHLAND AVENUE DRAIN	High Coliform Count	
4	R	BALLONA CREEK	Toxicity	
4	R	BALLONA CREEK	Arsenic	
4	R	BALLONA CREEK	Cadmium	
4	R	BALLONA CREEK	Copper	
4	R	BALLONA CREEK	Lead	
4	R	BALLONA CREEK	Silver	
4	R	BALLONA CREEK	Trash	
4	R	BALLONA CREEK	Sediment Toxicity	
4	R	BALLONA CREEK	Chlordane	
4	R	BALLONA CREEK	DDT	
4	R	BALLONA CREEK	Dieldrin	
4	R	BALLONA CREEK	ChemA	
4	R	BALLONA CREEK	High Coliform Count	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	BALLONA CREEK	Enteric Viruses	
4	R	BALLONA CREEK	PCBs	
4	R	BALLONA CREEK	Tributyltin	
4	R	BALLONA CREEK ESTUARY	Lead	
4	R	BALLONA CREEK ESTUARY	Zinc	
4	R	BALLONA CREEK ESTUARY	Shellfish Harvesting Adv.	
4	R	BALLONA CREEK ESTUARY	Sediment Toxicity	
4	R	BALLONA CREEK ESTUARY	Arochlor	
4	R	BALLONA CREEK ESTUARY	Chlordane	
4	R	BALLONA CREEK ESTUARY	DDT	
4	R	BALLONA CREEK ESTUARY	High Coliform Count	
4	R	BALLONA CREEK ESTUARY	PAHs	
4	R	BALLONA CREEK ESTUARY	PCBs	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Toxicity	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Nitrogen	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Algae	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Trash	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Chlordane	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Chlorpyrifos	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Dacthal	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	DDT	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Dieldrin	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Endosulfan	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	ChemA	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Toxaphene	
4	R	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	PCBs	
4	R	BELL CREEK	High Coliform Count	
4	R	BROWN BARRANCA / LONG CANYON	Nitrate and Nitrite	
4	R	BURBANK WESTERN CHANNEL	Cadmium	
4	R	BURBANK WESTERN CHANNEL	Ammonia	1999
4	R	BURBANK WESTERN CHANNEL	Odors	
4	R	BURBANK WESTERN CHANNEL	Algae	
4	R	BURBANK WESTERN CHANNEL	Trash	
4	R	BURBANK WESTERN CHANNEL	Scum/Foam-unnatural	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Toxicity	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Ammonia	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Nitrogen	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Sediment Toxicity	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Chlordane	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	DDT	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Endosulfan	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	ChemA	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Toxaphene	
4	R	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	PCBs	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Toxicity	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Ammonia	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Nitrogen	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Sediment Toxicity	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Chlordane	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Dacthal	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	DDT	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Endosulfan	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	ChemA	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Toxaphene	
4	R	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	PCBs	
4	R	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Nitrate and Nitrite	
4	R	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Chloride	2000
4	R	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Total Dissolved Solids	
4	R	COMPTON CREEK	Copper	
4	R	COMPTON CREEK	Lead	
4	R	COMPTON CREEK	pH	
4	R	COMPTON CREEK	High Coliform Count	
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Ammonia	
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Total Dissolved Solids	
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Sulfates	
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Chlordane	
4	R	CONEJO CREEK / ARROYO CONEJO NORTH FORK	DDT	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Toxicity	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Cadmium	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Chromium	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Nickel	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Silver	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Ammonia	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Org. enrichment/Low D.O.	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Total Dissolved Solids	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Sulfates	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Algae	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Dacthal	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	DDT	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Endosulfan	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	ChemA	
4	R	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Toxaphene	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Toxicity	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Cadmium	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Chromium	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Nickel	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Silver	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Ammonia	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Org. enrichment/Low D.O.	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Chloride	2000
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Total Dissolved Solids	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Sulfates	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Algae	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Dacthal	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	DDT	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Endosulfan	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	ChemA	
4	R	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Toxaphene	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Toxicity	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Cadmium	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Chromium	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Nickel	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Silver	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Ammonia	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Org. enrichment/Low D.O.	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Total Dissolved Solids	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Sulfates	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Algae	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Dacthal	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	DDT	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Endosulfan	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	ChemA	
4	R	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Toxaphene	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Toxicity	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Ammonia	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Org. enrichment/Low D.O.	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Chloride	2000

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Total Dissolved Solids	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Sulfates	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Algae	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Dacthal	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	DDT	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Endosulfan	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	ChemA	
4	R	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Toxaphene	
4	R	COYOTE CREEK	Abnormal Fish Histology	
4	R	COYOTE CREEK	Silver	
4	R	COYOTE CREEK	Ammonia	
4	R	COYOTE CREEK	Algae	
4	R	COYOTE CREEK	High Coliform Count	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Chromium	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Copper	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Lead	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Zinc	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Ammonia	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Aldrin	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Chlordane	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	DDT	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Dieldrin	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	ChemA	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	High Coliform Count	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	PAHs	
4	R	DOMINGUEZ CHANNEL (ABOVE VERMONT)	PCBs	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Chromium	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Copper	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Lead	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Zinc	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Ammonia	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Benthic Comm. Effects	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Aldrin	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Chlordane	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	DDT	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Dieldrin	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	ChemA	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	High Coliform Count	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	PAHs	
4	R	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	PCBs	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Toxicity	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Nitrogen	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Sediment Toxicity	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Chlordane	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	DDT	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	ChemA	
4	R	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Toxaphene	
4	R	FOX BARRANCA	Boron	
4	R	FOX BARRANCA	Nitrate and Nitrite	
4	R	FOX BARRANCA	Total Dissolved Solids	
4	R	FOX BARRANCA	Sulfates	
4	R	LAS VIRGENES CREEK	Selenium	
4	R	LAS VIRGENES CREEK	Nutrients (Algae)	2002
4	R	LAS VIRGENES CREEK	Org. enrichment/Low D.O.	
4	R	LAS VIRGENES CREEK	Trash	
4	R	LAS VIRGENES CREEK	Scum/Foam-unnatural	
4	R	LAS VIRGENES CREEK	High Coliform Count	
4	R	LINDERO CREEK REACH 1	Selenium	
4	R	LINDERO CREEK REACH 1	Algae	
4	R	LINDERO CREEK REACH 1	Trash	
4	R	LINDERO CREEK REACH 1	Scum/Foam-unnatural	
4	R	LINDERO CREEK REACH 1	High Coliform Count	
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	Selenium	
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	Algae	
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	Trash	
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	Scum/Foam-unnatural	
4	R	LINDERO CREEK REACH 2 (ABOVE LAKE)	High Coliform Count	
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Lead	
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Ammonia	1999
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Nutrients (Algae)	1999
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	pH	
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Trash	
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Scum/Foam-unnatural	
4	R	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	High Coliform Count	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Lead	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Ammonia	1999
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Nutrients (Algae)	1999
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Oil	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Odors	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Trash	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Scum/Foam-unnatural	
4	R	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	High Coliform Count	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Ammonia	1999
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Nutrients (Algae)	1999
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Odors	
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Trash	
4	R	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Scum/Foam-unnatural	
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Lead	
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Ammonia	1999
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Nutrients (Algae)	1999
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Odors	
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Trash	
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Scum/Foam-unnatural	
4	R	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	High Coliform Count	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Ammonia	1999
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Nutrients (Algae)	1999
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Oil	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Odors	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Trash	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Scum/Foam-unnatural	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Chlorpyrifos	
4	R	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	ChemA	
4	R	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	High Coliform Count	
4	R	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Dichloroethylene/1,1-DCE	
4	R	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Tetrachloroethylene/PCE	
4	R	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Trichloroethylene/TCE	
4	R	MALIBU CREEK	Nutrients (Algae)	2002
4	R	MALIBU CREEK	Fish barriers	
4	R	MALIBU CREEK	Trash	
4	R	MALIBU CREEK	Scum/Foam-unnatural	
4	R	MALIBU CREEK	High Coliform Count	
4	R	MATILIJA CREEK REACH 1 (JCT. WITH N. FORK TO RESERVOIR)	Fish barriers	
4	R	MATILIJA CREEK REACH 2 (ABOVE RESERVOIR)	Fish barriers	
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Selenium	
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Algae	
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Trash	
4	R	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	High Coliform Count	
4	R	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Selenium	
4	R	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Algae	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Trash	
4	R	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	High Coliform Count	
4	R	MINT CANYON CREEK REACH 1 (CONFL TO ROWLER CYN)	Nitrate and Nitrite	
4	R	MONROVIA CANYON CREEK	Lead	
4	R	PALO COMADO CREEK	High Coliform Count	
4	R	PICO KENTER DRAIN	Toxicity	
4	R	PICO KENTER DRAIN	Copper	
4	R	PICO KENTER DRAIN	Lead	
4	R	PICO KENTER DRAIN	Ammonia	
4	R	PICO KENTER DRAIN	Trash	
4	R	PICO KENTER DRAIN	High Coliform Count	
4	R	PICO KENTER DRAIN	Enteric Viruses	
4	R	PICO KENTER DRAIN	PAHs	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Toxicity	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Selenium	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Nitrogen	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Algae	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Trash	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Chlordane	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Chlorpyrifos	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Dacthal	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	DDT	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Dieldrin	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Endosulfan	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	ChemA	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Toxaphene	
4	R	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	PCBs	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	Nitrogen	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	Sediment Toxicity	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	Chlordane	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	DDT	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	ChemA	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	Toxaphene	
4	R	RIO DE SANTA CLARA/OXNARD DRAIN #3	PCBs	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Copper	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Lead	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Zinc	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Ammonia	1999
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	pH	
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Trash	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	High Coliform Count	
4	R	RIO HONDO REACH 2 (AT SPREADING GROUNDS)	Ammonia	1999
4	R	RIO HONDO REACH 2 (AT SPREADING GROUNDS)	High Coliform Count	
4	R	SAN GABRIEL RIVER EAST FORK	Trash	
4	R	SAN GABRIEL RIVER ESTUARY	Abnormal Fish Histology	
4	R	SAN GABRIEL RIVER ESTUARY	Arsenic	
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Toxicity	
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Abnormal Fish Histology	
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Ammonia	
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Algae	
4	R	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	High Coliform Count	
4	R	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	Lead	
4	R	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	Ammonia	
4	R	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	High Coliform Count	
4	R	SAN GABRIEL RIVER REACH 3 (WHITTIER NARROWS TO RAMONA)	Toxicity	
4	R	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	Ammonia	
4	R	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	Algae	
4	R	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	High Coliform Count	
4	R	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	Ammonia	
4	R	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	Algae	
4	R	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	High Coliform Count	
4	R	SANTA CLARA RIVER ESTUARY	ChemA	
4	R	SANTA CLARA RIVER ESTUARY	Toxaphene	
4	R	SANTA CLARA RIVER ESTUARY	High Coliform Count	
4	R	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	Ammonia	
4	R	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	Chloride	
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Ammonia	
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Nitrate and Nitrite	
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Chloride	
4	R	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	High Coliform Count	
4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Ammonia	
4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Nitrate and Nitrite	
4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Org. enrichment/Low D.O.	
4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Chloride	
4	R	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	High Coliform Count	
4	R	SANTA CLARA RIVER REACH 9 (BOUQUET CYN RD.TO ABV LANG GAGNG)	High Coliform Count	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	SANTA MONICA CANYON	Lead	
4	R	SANTA MONICA CANYON	High Coliform Count	
4	R	SEPULVEDA CANYON	Lead	
4	R	SEPULVEDA CANYON	Ammonia	
4	R	SEPULVEDA CANYON	High Coliform Count	
4	R	STOKES CREEK	High Coliform Count	
4	R	TAPO CANYON REACH 1	Boron	
4	R	TAPO CANYON REACH 1	Chloride	2000
4	R	TAPO CANYON REACH 1	Total Dissolved Solids	
4	R	TAPO CANYON REACH 1	Sulfates	
4	R	TOPANGA CANYON CREEK	Lead	
4	R	TORRANCE CARSON CHANNEL	Copper	
4	R	TORRANCE CARSON CHANNEL	Lead	
4	R	TORRANCE CARSON CHANNEL	High Coliform Count	
4	R	TORREY CANYON CREEK	Nitrate and Nitrite	
4	R	TRIUNFO CANYON CREEK REACH 1	Lead	
4	R	TRIUNFO CANYON CREEK REACH 1	Mercury	
4	R	TRIUNFO CANYON CREEK REACH 2	Lead	
4	R	TRIUNFO CANYON CREEK REACH 2	Mercury	
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Copper	
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Ammonia	1999
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Odors	
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Trash	
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Scum/Foam-unnatural	
4	R	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	High Coliform Count	
4	R	VENTURA RIVER ESTUARY	Eutrophic	
4	R	VENTURA RIVER ESTUARY	Algae	
4	R	VENTURA RIVER ESTUARY	Trash	
4	R	VENTURA RIVER ESTUARY	DDT	
4	R	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Copper	
4	R	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Silver	
4	R	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Zinc	
4	R	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Algae	
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Copper	
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Selenium	
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Silver	
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Zinc	
4	R	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Algae	
4	R	VENTURA RIVER REACH 3 (WELDON CANYON TO CONFL. W/ COYOTE CR)	Water Diversion	
4	R	VENTURA RIVER REACH 3 (WELDON CANYON TO CONFL. W/ COYOTE CR)	Pumping	
4	R	VENTURA RIVER REACH 4 (COYOTE CREEK TO CAMINO CIELO RD.	Water Diversion	
4	R	VENTURA RIVER REACH 4 (COYOTE CREEK TO CAMINO CIELO RD.	Pumping	
4	R	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	Algae	
4	R	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	Trash	
4	R	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	High Coliform Count	
4	R	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	Algae	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
4	R	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	Trash	
4	R	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	High Coliform Count	
4	R	WALNUT CREEK WASH (DRAINS FROM PUDDINGSTONE RESERVOIR	Toxicity	
4	R	WALNUT CREEK WASH (DRAINS FROM PUDDINGSTONE RESERVOIR	pH	
4	R	WHEELER CANYON / TODD BARRANCA	Nitrate and Nitrite	
4	R	WILMINGTON DRAIN	Copper	
4	R	WILMINGTON DRAIN	Lead	
4	R	WILMINGTON DRAIN	Ammonia	
4	R	WILMINGTON DRAIN	High Coliform Count	
4	T	BALLONA CREEK WETLANDS	Arsenic	
4	T	BALLONA CREEK WETLANDS	Hydromodification	
4	T	BALLONA CREEK WETLANDS	Reduced Tidal Flushing	
4	T	BALLONA CREEK WETLANDS	Habitat alterations	
4	T	BALLONA CREEK WETLANDS	Exotic Vegetation	
4	T	BALLONA CREEK WETLANDS	Trash	
4	T	COLORADO LAGOON	Lead	
4	T	COLORADO LAGOON	Zinc	
4	T	COLORADO LAGOON	Sediment Toxicity	
4	T	COLORADO LAGOON	Chlordane	
4	T	COLORADO LAGOON	DDT	
4	T	COLORADO LAGOON	Dieldrin	
4	T	COLORADO LAGOON	PAHs	
4	T	COLORADO LAGOON	PCBs	
4	T	LOS CERRITOS CHANNEL	Copper	
4	T	LOS CERRITOS CHANNEL	Lead	
4	T	LOS CERRITOS CHANNEL	Zinc	
4	T	LOS CERRITOS CHANNEL	Ammonia	
4	T	LOS CERRITOS CHANNEL	High Coliform Count	
5	E	DELTA WATERWAYS	Unknown Toxicity	2011
5	E	DELTA WATERWAYS	Mercury	2005
5	E	DELTA WATERWAYS	Org. enrichment/Low D.O.	2011
5	E	DELTA WATERWAYS	Electrical Conductivity	2011
5	E	DELTA WATERWAYS	Chlorpyrifos	2005
5	E	DELTA WATERWAYS	DDT	2011
5	E	DELTA WATERWAYS	Diazinon	2005
5	E	DELTA WATERWAYS	Group A Pesticides	2011
5	L	BERRYESSA LAKE	Mercury	2011
5	L	CLEAR LAKE	Mercury	2005
5	L	CLEAR LAKE	Nutrients	2011
5	L	DAVIS CREEK RES	Mercury	2011
5	L	KESWICK RES	Cadmium	2011
5	L	KESWICK RES	Copper	2011
5	L	KESWICK RES	Zinc	2011
5	L	MARSH CREEK RES	Mercury	2011
5	L	SHASTA LAKE	Cadmium	2011
5	L	SHASTA LAKE	Copper	2011
5	L	SHASTA LAKE	Zinc	2011
5	L	WHISKEYTOWN RES	High Coliform Count	2011
5	R	AMERICAN RIVER, LOWER	Unknown Toxicity	2011
5	R	AMERICAN RIVER, LOWER	Mercury	2011
5	R	AMERICAN RIVER, LOWER	Group A Pesticides	2011
5	R	ARCADE CREEK	Chlorpyrifos	2011
5	R	ARCADE CREEK	Diazinon	2011
5	R	CACHE CREEK	Unknown Toxicity	2011
5	R	CACHE CREEK	Mercury	2005
5	R	CHICKEN RANCH SLOUGH	Chlorpyrifos	2011
5	R	CHICKEN RANCH SLOUGH	Diazinon	2011
5	R	COLUSA DRAIN	Unknown Toxicity	2011
5	R	COLUSA DRAIN	Carbofuran/Furadan	2011
5	R	COLUSA DRAIN	Group A Pesticides	2011
5	R	COLUSA DRAIN	Malathion	2011
5	R	COLUSA DRAIN	Methyl Parathion	2011
5	R	DOLLY CREEK	Copper	2011
5	R	DOLLY CREEK	Zinc	2011
5	R	DUNN CREEK	Metals	2011
5	R	DUNN CREEK	Mercury	2011

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
5	R	ELDER CREEK	Chlorpyrifos	2011
5	R	ELDER CREEK	Diazinon	2011
5	R	ELK GROVE CREEK	Diazinon	2011
5	R	FALL RIVER (PIT)	Sedimentation/Siltation	2011
5	R	FEATHER RIVER, LOWER	Unknown Toxicity	2011
5	R	FEATHER RIVER, LOWER	Mercury	2011
5	R	FEATHER RIVER, LOWER	Diazinon	2005
5	R	FEATHER RIVER, LOWER	Group A Pesticides	2011
5	R	FIVE MILE SLOUGH	Chlorpyrifos	2011
5	R	FIVE MILE SLOUGH	Diazinon	2011
5	R	FRENCH RAVINE	Bacteria	2011
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	Unknown Toxicity	2011
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	Ammonia	2011
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	Chlorpyrifos	2011
5	R	HARDING DRAIN (TURLOCK IRR DIST LATERAL #5)	Diazinon	2011
5	R	HARLEY GULCH	Mercury	2011
5	R	HORSE CREEK	Cadmium	2011
5	R	HORSE CREEK	Copper	2011
5	R	HORSE CREEK	Lead	2011
5	R	HORSE CREEK	Zinc	2011
5	R	HUMBUG CREEK	Copper	2011
5	R	HUMBUG CREEK	Mercury	2011
5	R	HUMBUG CREEK	Zinc	2011
5	R	HUMBUG CREEK	Sedimentation/Siltation	2011
5	R	JAMES CREEK	Mercury	2011
5	R	JAMES CREEK	Nickel	2011
5	R	KANAKA CREEK	Arsenic	2011
5	R	KINGS RIVER (LOWER)	Molybdenum	2011
5	R	KINGS RIVER (LOWER)	Electrical Conductivity	2011
5	R	KINGS RIVER (LOWER)	Toxaphene	2011
5	R	LITTLE BACKBONE CREEK	Cadmium	2011
5	R	LITTLE BACKBONE CREEK	Copper	2011
5	R	LITTLE BACKBONE CREEK	Zinc	2011
5	R	LITTLE BACKBONE CREEK	Acid Mine Drainage	2011
5	R	LITTLE COW CREEK	Cadmium	2011
5	R	LITTLE COW CREEK	Copper	2011
5	R	LITTLE COW CREEK	Zinc	2011
5	R	LITTLE GRIZZLY CREEK	Copper	2002
5	R	LITTLE GRIZZLY CREEK	Zinc	2002
5	R	LONE TREE CREEK	Ammonia	2011
5	R	LONE TREE CREEK	Biological Oxygen Demand	2011
5	R	LONE TREE CREEK	Electrical Conductivity	2011
5	R	MARSH CREEK	Metals	2011
5	R	MARSH CREEK	Mercury	2011
5	R	MERCED RIVER, LOWER	Chlorpyrifos	2005
5	R	MERCED RIVER, LOWER	Diazinon	2005
5	R	MERCED RIVER, LOWER	Group A Pesticides	2011
5	R	MOKELUMNE RIVER, LOWER	Copper	2011
5	R	MOKELUMNE RIVER, LOWER	Zinc	2011
5	R	MORRISON CREEK	Diazinon	2011
5	R	MOSHER SLOUGH	Chlorpyrifos	2011
5	R	MOSHER SLOUGH	Diazinon	2011
5	R	MUD SLOUGH	Unknown Toxicity	2011
5	R	MUD SLOUGH	Pesticides	2011
5	R	MUD SLOUGH	Boron	2011
5	R	MUD SLOUGH	Selenium	2000
5	R	MUD SLOUGH	Electrical Conductivity	2011
5	R	NATOMAS EAST MAIN DRAIN	Diazinon	2011
5	R	NATOMAS EAST MAIN DRAIN	PCBs	2011
5	R	ORESTIMBA CREEK	Unknown Toxicity	2011
5	R	ORESTIMBA CREEK	Chlorpyrifos	2011
5	R	ORESTIMBA CREEK	Diazinon	2011
5	R	PANOCHE CREEK	Mercury	2011
5	R	PANOCHE CREEK	Selenium	2011
5	R	PANOCHE CREEK	Sedimentation/Siltation	2011
5	R	PIT RIVER	Nutrients	2011

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
5	R	PIT RIVER	Org. enrichment/Low D.O.	2011
5	R	PIT RIVER	Temperature	2011
5	R	SACRAMENTO RIVER (RED BLUFF TO DELTA)	Unknown Toxicity	2011
5	R	SACRAMENTO RIVER (RED BLUFF TO DELTA)	Mercury	2005
5	R	SACRAMENTO RIVER (RED BLUFF TO DELTA)	Diazinon	2005
5	R	SACRAMENTO RIVER (SHASTA DAM TO RED BLUFF)	Unknown Toxicity	2011
5	R	SACRAMENTO RIVER (SHASTA DAM TO RED BLUFF)	Cadmium	2001
5	R	SACRAMENTO RIVER (SHASTA DAM TO RED BLUFF)	Copper	2001
5	R	SACRAMENTO RIVER (SHASTA DAM TO RED BLUFF)	Zinc	2001
5	R	SACRAMENTO SLOUGH	Mercury	2011
5	R	SACRAMENTO SLOUGH	Diazinon	2011
5	R	SALT SLOUGH	Unknown Toxicity	2011
5	R	SALT SLOUGH	Boron	2011
5	R	SALT SLOUGH	Selenium	1998
5	R	SALT SLOUGH	Electrical Conductivity	2011
5	R	SALT SLOUGH	Chlorpyrifos	2011
5	R	SALT SLOUGH	Diazinon	2011
5	R	SAN CARLOS CREEK	Mercury	2011
5	R	SAN JOAQUIN RIVER	Unknown Toxicity	2011
5	R	SAN JOAQUIN RIVER	Boron	1999
5	R	SAN JOAQUIN RIVER	Selenium	2000
5	R	SAN JOAQUIN RIVER	Electrical Conductivity	1999
5	R	SAN JOAQUIN RIVER	Chlorpyrifos	2005
5	R	SAN JOAQUIN RIVER	DDT	2011
5	R	SAN JOAQUIN RIVER	Diazinon	2005
5	R	SAN JOAQUIN RIVER	Group A Pesticides	2011
5	R	SPRING CREEK	Cadmium	2011
5	R	SPRING CREEK	Copper	2011
5	R	SPRING CREEK	Zinc	2011
5	R	SPRING CREEK	Acid Mine Drainage	2011
5	R	STANISLAUS RIVER (LOWER)	Unknown Toxicity	2011
5	R	STANISLAUS RIVER (LOWER)	Diazinon	2005
5	R	STANISLAUS RIVER (LOWER)	Group A Pesticides	2011
5	R	STOCKTON DEEP WATER CHANNEL	Dioxin	
5	R	STOCKTON DEEP WATER CHANNEL	Furans	
5	R	STOCKTON DEEP WATER CHANNEL	PCBs	
5	R	STRONG RANCH SLOUGH	Chlorpyrifos	2011
5	R	STRONG RANCH SLOUGH	Diazinon	2011
5	R	SULFUR CREEK	Mercury	2005
5	R	TEMPLE CREEK	Ammonia	2011
5	R	TEMPLE CREEK	Electrical Conductivity	2011
5	R	TOWN CREEK	Cadmium	2011
5	R	TOWN CREEK	Copper	2011
5	R	TOWN CREEK	Lead	2011
5	R	TOWN CREEK	Zinc	2011
5	R	TUOLUMNE RIVER (LOWER)	Unknown Toxicity	2011
5	R	TUOLUMNE RIVER (LOWER)	Diazinon	2005
5	R	TUOLUMNE RIVER (LOWER)	Group A Pesticides	2011
5	R	WEST SQUAW CREEK	Cadmium	2011
5	R	WEST SQUAW CREEK	Copper	2011
5	R	WEST SQUAW CREEK	Lead	2011
5	R	WEST SQUAW CREEK	Zinc	2011
5	R	WILLOW CREEK (WHISKEYTOWN)	Copper	2011
5	R	WILLOW CREEK (WHISKEYTOWN)	Zinc	2011
5	R	WILLOW CREEK (WHISKEYTOWN)	Acid Mine Drainage	2011
5	W	GRASSLANDS MARSHES	Selenium	1998
5	W	GRASSLANDS MARSHES	Electrical Conductivity	2011
6	L	BRIDGEPORT RES	Nutrients	
6	L	BRIDGEPORT RES	Sedimentation/Siltation	
6	L	CROWLEY LAKE	Arsenic	
6	L	CROWLEY LAKE	Nutrients	
6	L	DONNER LAKE	Priority Organics	
6	L	EAGLE LAKE (2)	Org. enrichment/Low D.O.	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
6	L	GRANT LAKE	Arsenic	1999
6	L	HAIWEE RES	Copper	
6	L	HORSESHOE LAKE (2)	Sedimentation/Siltation	
6	L	INDIAN CREEK RES	Nutrients	1999
6	L	LAKE TAHOE	Nutrients	
6	L	LAKE TAHOE	Sedimentation/Siltation	
6	L	PLEASANT VALLEY RES	Org. enrichment/Low D.O.	
6	L	STAMPEDE RES	Pesticides	
6	L	TINEMAHA RES	Metals	
6	L	TINEMAHA RES	Arsenic	
6	L	TOPAZ LAKE	Sedimentation/Siltation	
6	L	TWIN LAKES	Nutrients	
6	R	AMARGOSA RIVER	Salinity/TDS/Chlorides	1999
6	R	ASPEN CREEK	Metals	1999
6	R	AURORA CANYON CREEK	Habitat alterations	
6	R	BEAR CREEK (R6)	Sedimentation/Siltation	1999
6	R	BLACKWOOD CREEK	Sedimentation/Siltation	1999
6	R	BODIE CREEK	Metals	
6	R	BRONCO CREEK	Sedimentation/Siltation	1999
6	R	BRYANT CREEK	Metals	1999
6	R	CARSON RIVER, E FK	Nutrients	
6	R	CLARK CANYON CREEK	Habitat alterations	
6	R	CLEARWATER CREEK	Sedimentation/Siltation	
6	R	COTTONWOOD CREEK (1)	Water/Flow Variability	
6	R	EAST WALKER RIVER	Metals	
6	R	EAST WALKER RIVER	Sedimentation/Siltation	
6	R	GOODALE CREEK	Sedimentation/Siltation	
6	R	GRAY CREEK (R6)	Sedimentation/Siltation	1999
6	R	GREEN CREEK	Habitat alterations	
6	R	GREEN VALLEY LAKE CREEK	Priority Organics	
6	R	HEAVENLY VALLEY CREEK	Sedimentation/Siltation	1999
6	R	HOT CREEK (1)	Metals	1999
6	R	HOT CREEK (2)	Metals	1999
6	R	HOT SPRINGS CANYON CREEK	Sedimentation/Siltation	
6	R	INDIAN CREEK (1)	Habitat alterations	
6	R	LASSEN CREEK	Flow alterations	
6	R	LEE VINING CREEK	Flow alterations	
6	R	LEVIATHAN CREEK	Metals	1999
6	R	LITTLE HOT CREEK	Arsenic	1999
6	R	MAMMOTH CREEK	Metals	
6	R	MILL CREEK (1)	Flow alterations	
6	R	MILL CREEK (3)	Sedimentation/Siltation	
6	R	MOJAVE RIVER	Priority Organics	
6	R	MONITOR CREEK	Metals	
6	R	OWENS RIVER	Arsenic	
6	R	OWENS RIVER	Habitat alterations	
6	R	PINE CREEK (2)	Sedimentation/Siltation	1999
6	R	ROUGH CREEK	Habitat alterations	
6	R	SKEDADDLE CREEK	High Coliform Count	
6	R	SNOW CREEK	Habitat alterations	
6	R	SQUAW CREEK	Sedimentation/Siltation	1999
6	R	SUSAN RIVER	Unknown Toxicity	
6	R	TRUCKEE RIVER	Sedimentation/Siltation	1999
6	R	TUTTLE CREEK	Habitat alterations	
6	R	WARD CREEK	Sedimentation/Siltation	
6	R	WEST WALKER RIVER	Sedimentation/Siltation	
6	R	WOLF CREEK (1)	Sedimentation/Siltation	
6	S	ALKALI LAKE, LOWER	Salinity/TDS/Chlorides	1999
6	S	ALKALI LAKE, MIDDLE	Salinity/TDS/Chlorides	1999
6	S	ALKALI LAKE, UPPER	Salinity/TDS/Chlorides	1999
6	S	DEEP SPRINGS LAKE	Salinity/TDS/Chlorides	1999
6	S	HONEY LAKE	Arsenic	
6	S	HONEY LAKE	Salinity/TDS/Chlorides	
6	S	HONEY LAKE WILDFOWL MGMT. PONDS	Metals	
6	S	HONEY LAKE WILDFOWL MGMT. PONDS	Trace Elements	
6	S	HONEY LAKE WILDFOWL MGMT. PONDS	Salinity/TDS/Chlorides	
6	S	HONEY LAKE WILDFOWL MGMT. PONDS	Flow alterations	
6	S	LITTLE ALKALI LAKE	Arsenic	1999
6	S	MONO LAKE	Salinity/TDS/Chlorides	1999
6	S	OWENS LAKE	Salinity/TDS/Chlorides	

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
6	S	SEARLES LAKE	Salinity/TDS/Chlorides	1999
6	W	AMEDEE HOT SPRINGS	Metals	1999
6	W	BIG SPRINGS	Arsenic	1999
6	W	CINDER CONE SPRINGS	Nutrients	
6	W	CINDER CONE SPRINGS	Salinity/TDS/Chlorides	
6	W	FALES HOT SPRINGS	Metals	1999
6	W	HONEY LAKE AREA WETLANDS	Metals	
6	W	KEOUGH HOT SPRINGS	Metals	1999
6	W	TOP SPRING	Radiation	1999
6	W	WENDEL HOT SPRINGS	Metals	1999
7	R	ALAMO RIVER	Pesticides	2011
7	R	ALAMO RIVER	Selenium	2010
7	R	ALAMO RIVER	Sedimentation/Siltation	2000
7	R	COACHELLA VALLEY STORM CHANNEL	Bacteria	2009
7	R	IMPERIAL VALLEY DRAINS	Pesticides	2011
7	R	IMPERIAL VALLEY DRAINS	Selenium	2010
7	R	IMPERIAL VALLEY DRAINS	Sedimentation/Siltation	2010
7	R	NEW RIVER (R7)	Pesticides	2013
7	R	NEW RIVER (R7)	Nutrients	2010
7	R	NEW RIVER (R7)	Sedimentation/Siltation	2002
7	R	NEW RIVER (R7)	Bacteria	2005
7	R	NEW RIVER (R7)	Volatile Organics/VOCs	2013
7	R	PALO VERDE OUTFALL DRAIN	Bacteria	2011
7	S	SALTON SEA	Selenium	2007
7	S	SALTON SEA	Nutrients	2010
7	S	SALTON SEA	Salinity	2001
8	B	ANAHEIM BAY	Pesticides	2011
8	B	ANAHEIM BAY	Metals	2011
8	B	HUNTINGTON HARBOUR	Pesticides	2011
8	B	HUNTINGTON HARBOUR	Metals	2011
8	B	HUNTINGTON HARBOUR	Pathogens	2011
8	B	NEWPORT BAY, LOWER	Pesticides	2002
8	B	NEWPORT BAY, LOWER	Priority Organics	2002
8	B	NEWPORT BAY, LOWER	Metals	2007
8	B	NEWPORT BAY, LOWER	Nutrients	1998
8	B	NEWPORT BAY, LOWER	Pathogens	2000
8	E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	Pesticides	2002
8	E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	Metals	2002
8	E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	Nutrients	1998
8	E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	Sedimentation/Siltation	1998
8	E	UPPER NEWPORT BAY ECOLOGICAL RESERVE	Pathogens	2000
8	L	BIG BEAR LAKE	Metals	2005
8	L	BIG BEAR LAKE	Copper	2005
8	L	BIG BEAR LAKE	Mercury	2005
8	L	BIG BEAR LAKE	Nutrients	2005
8	L	BIG BEAR LAKE	Sedimentation/Siltation	2005
8	L	BIG BEAR LAKE	Noxious aquatic plants	2005
8	L	CANYON LAKE (RAILROAD CANYON RESERVOIR)	Nutrients	2004
8	L	CANYON LAKE (RAILROAD CANYON RESERVOIR)	Pathogens	2004
8	L	ELSINORE, LAKE	Unknown Toxicity	2004
8	L	ELSINORE, LAKE	Nutrients	2004
8	L	ELSINORE, LAKE	Sedimentation/Siltation	2004
8	L	ELSINORE, LAKE	Org. enrichment/Low D.O.	2004
8	L	FULMOR, LAKE	Pathogens	2011
8	L	PRADO PARK LAKE	Nutrients	2011
8	L	PRADO PARK LAKE	Pathogens	2011
8	R	CHINO CREEK, REACH 1	Nutrients	2005
8	R	CHINO CREEK, REACH 1	Pathogens	2005
8	R	CHINO CREEK, REACH 2	High Coliform Count	2011
8	R	CUCAMONGA CREEK, VALLEY REACH	High Coliform Count	2011
8	R	GROUT CREEK	Metals	2005
8	R	GROUT CREEK	Nutrients	2005
8	R	KNICKERBOCKER CREEK	Metals	2005

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
8	R	KNICKERBOCKER CREEK	Pathogens	2005
8	R	LYTLE CREEK	Pathogens	2011
8	R	MILL CREEK (PRADO AREA)	Nutrients	2005
8	R	MILL CREEK (PRADO AREA)	Pathogens	2005
8	R	MILL CREEK (PRADO AREA)	Suspended solids	2005
8	R	MILL CREEK, REACH 1	Pathogens	2011
8	R	MILL CREEK, REACH 2	Pathogens	2011
8	R	MOUNTAIN HOME CREEK	Pathogens	2011
8	R	MOUNTAIN HOME CREEK, EAST FORK	Pathogens	2011
8	R	RATHBONE (RATHBUN) CREEK	Nutrients	2005
8	R	RATHBONE (RATHBUN) CREEK	Sedimentation/Siltation	2005
8	R	SAN DIEGO CREEK, REACH 1	Pesticides	2002
8	R	SAN DIEGO CREEK, REACH 1	Metals	2002
8	R	SAN DIEGO CREEK, REACH 1	Nutrients	1998
8	R	SAN DIEGO CREEK, REACH 1	Sedimentation/Siltation	1998
8	R	SAN DIEGO CREEK, REACH 2	Unknown Toxicity	2002
8	R	SAN DIEGO CREEK, REACH 2	Metals	2002
8	R	SAN DIEGO CREEK, REACH 2	Nutrients	1998
8	R	SAN DIEGO CREEK, REACH 2	Sedimentation/Siltation	1998
8	R	SANTA ANA RIVER, REACH 3	Nutrients	2011
8	R	SANTA ANA RIVER, REACH 3	Salinity/TDS/Chlorides	2011
8	R	SANTA ANA RIVER, REACH 3	Pathogens	2011
8	R	SANTA ANA RIVER, REACH 4	Pathogens	2011
8	R	SANTIAGO CREEK, REACH 4	Salinity/TDS/Chlorides	2011
8	R	SILVERADO CREEK	Salinity/TDS/Chlorides	2011
8	R	SILVERADO CREEK	Pathogens	2011
8	R	SUMMIT CREEK	Nutrients	2005
9	B	MISSION BAY	Lead	2008
9	B	MISSION BAY	Eutrophic	2008
9	B	MISSION BAY	High Coliform Count	2009
9	B	SAN DIEGO BAY	Copper	2003
9	B	SAN DIEGO BAY	Sediment Toxicity	2003
9	B	SAN DIEGO BAY	Benthic Comm. Effects	2003
9	C	PACIFIC OCEAN, ALISO HSA 901.13	High Coliform Count	2001
9	C	PACIFIC OCEAN, BUENA VISTA HA 904.20	High Coliform Count	2009
9	C	PACIFIC OCEAN, CORONADO HA 910.10	High Coliform Count	2009
9	C	PACIFIC OCEAN, DANA POINT HSA 901.14	High Coliform Count	2010
9	C	PACIFIC OCEAN, ESCONDIDO CREEK HA 904.60	High Coliform Count	2009
9	C	PACIFIC OCEAN, LAGUNA BEACH HSA 901.12	High Coliform Count	2010
9	C	PACIFIC OCEAN, LOMA ALTA HSA 904.10	High Coliform Count	2009
9	C	PACIFIC OCEAN, LOWER SAN JUAN HSA	High Coliform Count	2010
9	C	PACIFIC OCEAN, SAN CLEMENTE HA 901.30	High Coliform Count	2010
9	C	PACIFIC OCEAN, SAN DIEGO HU 907.00	High Coliform Count	2009
9	C	PACIFIC OCEAN, SAN DIEGUITO HU 905.00	High Coliform Count	2009
9	C	PACIFIC OCEAN, SAN LUIS REY HU 903.00	High Coliform Count	2009
9	C	PACIFIC OCEAN, SAN MARCOS HA 904.50	High Coliform Count	2009
9	C	PACIFIC OCEAN, SCRIPPS HA 906.30	High Coliform Count	2009
9	C	PACIFIC OCEAN, TIJUANA HU 911.00	High Coliform Count	2011
9	C	SAN DIEGO BAY, LINDBERGH HSA 908.21	High Coliform Count	2009
9	C	SAN DIEGO BAY, TELEGRAPH HSA 909.11	High Coliform Count	2009
9	E	AGUA HEDIONDA LAGOON	Sedimentation/Siltation	2007
9	E	AGUA HEDIONDA LAGOON	High Coliform Count	2009
9	E	ALISO CREEK MOUTH OF ORANGE	High Coliform Count	2001
9	E	BUENA VISTA LAGOON	Nutrients	2007
9	E	BUENA VISTA LAGOON	Sedimentation/Siltation	2007
9	E	BUENA VISTA LAGOON	High Coliform Count	2009
9	E	FAMOSA SLOUGH & CHANNEL	Eutrophic	2008
9	E	LOMA ALTA SLOUGH	Eutrophic	2009
9	E	LOMA ALTA SLOUGH	High Coliform Count	2009
9	E	LOS PENASQUITOS LAGOON	Sedimentation/Siltation	2008
9	E	SAN ELIJO LAGOON	Sedimentation/Siltation	2007
9	E	SAN ELIJO LAGOON	Eutrophic	2009
9	E	SAN ELIJO LAGOON	High Coliform Count	2009
9	E	SAN JUAN CREEK (MOUTH)	High Coliform Count	2010

TMDLs and Anticipated Completion Dates
(From 1998 303(d) List)

Attachment 1

REGION	WATER BODY TYPE	WATER BODY NAME	POLLUTANT/ STRESSOR	TMDL COMPLETION DATE
9	E	SANTA MARGARITA LAGOON	Eutrophic	2005
9	E	TIJUANA RIVER ESTUARY	Pesticides	2011
9	E	TIJUANA RIVER ESTUARY	Lead	2011
9	E	TIJUANA RIVER ESTUARY	Nickel	2011
9	E	TIJUANA RIVER ESTUARY	Thallium	2011
9	E	TIJUANA RIVER ESTUARY	Eutrophic	2011
9	E	TIJUANA RIVER ESTUARY	Trash	2011
9	E	TIJUANA RIVER ESTUARY	High Coliform Count	2011
9	L	GUAJOME LAKE	Eutrophic	2011
9	R	ALISO CREEK	High Coliform Count	2001
9	R	CHOLLAS CREEK	Toxicity	2003
9	R	CHOLLAS CREEK	Cadmium	2003
9	R	CHOLLAS CREEK	Copper	2003
9	R	CHOLLAS CREEK	Lead	2003
9	R	CHOLLAS CREEK	Zinc	2003
9	R	CHOLLAS CREEK	High Coliform Count	2009
9	R	RAINBOW CREEK	Eutrophic	2000
9	R	SAN JUAN CREEK LOWER	High Coliform Count	2010
9	R	TECOLOTE CREEK	Toxicity	2008
9	R	TECOLOTE CREEK	Cadmium	2008
9	R	TECOLOTE CREEK	Copper	2008
9	R	TECOLOTE CREEK	Lead	2008
9	R	TECOLOTE CREEK	Zinc	2008
9	R	TECOLOTE CREEK	High Coliform Count	2009
9	R	TIJUANA RIVER	Pesticides	2011
9	R	TIJUANA RIVER	Trace Elements	2011
9	R	TIJUANA RIVER	Org. enrichment/Low D.O.	2011
9	R	TIJUANA RIVER	Eutrophic	2011
9	R	TIJUANA RIVER	Solids	2011
9	R	TIJUANA RIVER	Trash	2011
9	R	TIJUANA RIVER	High Coliform Count	2011
9	R	TIJUANA RIVER	Synthetic Organics	2011
	B	BAYS AND HARBORS		
	C	COASTAL SHORELINE		
	E	ESTUARIES		
	L	LAKES		
	R	RIVERS AND STREAMS		
	S	SALINE LAKES		
	W	WETLANDS		

Los Angeles RWQCB
TMDL Consent Decree Completion Schedule

Attachment 2

TMDL Analytical Unit	Title of TMDL/Unit/ Principle Waterbody	TMDL Parameter	Anticipated Completion Date
38	San Gabriel River (East Fork)	trash	March-00
3	Calleguas Creek	chloride	March-01
12	Los Angeles River	trash	March-01
51	Ballona Wetland	trash	March-01
1	Calleguas Creek	nutrients	March-02
2	Santa Clara River	chloride	March-02
47	Malibu Lagoon	coliform	March-02
48	Santa Monica Beaches	coliform	March-02
50	Malibu Lagoon	nutrients	March-02
11	Los Angeles River	nitrogen	March-03
23	McGrath Beach	Coliform	March-03
32	Santa Clara River	nitrogen	March-03
37	San Gabriel River	nitrogen	March-03
46	Marina Del Rey Harbor Beach	coliform	March-03
13	Los Angeles River	metals	March-04
52	Santa Monica Bay Nearshore and Offshore Zone	metals	March-04
55	Ballona Creek	hist. PCBs, pesticides	March-04
57	Ballona Creek	metals	March-04
72	Los Angeles Harbor	Coliform	March-04
2	Calleguas Creek	toxicity	March-05
5	Calleguas Creek	historic pest.	March-05
7	Calleguas Creek	PCBs	March-05
54	Marina del Rey Harbor - Back Basins	hist. PCBs, pesticides	March-05
56	Marina del Rey Harbor - Back Basins	metals	March-05
6	Calleguas Creek	metals	March-06
14	Los Angeles River Reach 5 (Sepulveda Basin)	pesticide	March-06
39	San Gabriel River	metals	March-06
49	Ballona Creek	coliform	March-06
53	Santa Monica Bay Nearshore and Offshore Zone	chlordane	March-06

Note: The Consent Decree sets a pace for completing TMDL analytical units and groups segments listed individually on the 303(d) list into Analytical Units. The Consent Decree also specifies the schedule for a portion of the listed waterbodies. Those not specifically scheduled in the settlement must be completed by 2012.