# **Draft Staff Report**

# 2002 Update:

# Clean Water Act Section 305(b) Report and Section 303(d) List of Impaired Waters

Los Angeles Region

Prepared by California Regional Water Quality Control Board, Los Angeles Region

₿.



January 29, 2002

THIS PAGE LEFT BLANK INTENTIONALLY

•

### TABLE OF CONTENTS

1	ľ	NTRODUCTION	1
	1.1 1.2	PUBLIC PROCESS OVERVIEW OF REPORT	
2	F	ACTORS CONSIDERED IN RECOMMENDING CHANGES TO THE 303(D) LIST	2
	2.1 2.2	Listing Factors Delisting Factors	
3	Α	SSESSMENT CRITERIA	2
	3.1 3.2 3.3 3.4 3.5	AQUATIC LIFE ASSESSMENT GUIDELINES RECREATIONAL USE ASSESSMENT GUIDELINES FISH AND SHELLFISH CONSUMPTION USE DRINKING WATER USE ASSESSMENT GUIDELINES AGRICULTURE USE AND WATERBODY-SPECIFIC OBJECTIVES ASSESSMENT GUIDELINES	
4	S	UMMARY OF ASSESSMENT RESULTS	13
5	D	ATA RELIED UPON	24
	5.1 5.2	Reports and Information External Data by Organization	25
6	R	EFERENCES	27
A	PPEN	NDIX A: CALLEGUAS CREEK REACH DESCRIPTIONS	29
A	PPEN	NDIX B: 2002 REVISIONS TO 1998 303(D) LIST	32

n i nin

THIS PAGE LEFT BLANK INTENTIONALLY

.

### 1 Introduction

Each of California's nine Regional Water Quality Control Boards has been asked to assist the State Board in preparing a statewide water quality assessment as required by section 305(b) of the Clean Water Act and updating the State's Clean Water Act section 303(d) list (SWRCB, 2001). The statewide water quality assessment (or 305(b) Report) summarizes the extent to which beneficial uses of waterbodies in the state are being supported. The 303(d) list is a subset of waterbodies assessed in the 305(b) Report, which have been identified as not supporting one or more of the beneficial uses designated for the waterbody. In other words, the 303(d) list identifies surface waters that do not or are not expected to attain water quality standards.

#### 1.1 Public Process

Staff of the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) began the process for developing the 303(d) list by conducting two solicitations for data and information. The first was a targeted solicitation in fall 2000 and the second was a solicitation to the Regional Board's entire Basin Planning mailing list in spring 2001. The spring solicitation lasted from March 6, 2001 to May 15, 2001 (LARWQCB, 2001). On March 14, 2001, the State Water Resources Control Board (State Board) also sent a letter to interested persons requesting that data be sent to the Regional Boards to aid in updating the 303(d) list. Approximately 35 discrete datasets or sources of information were received; major NPDES dischargers and particularly Publicly Owned Treatment Works (POTWs) submitted the majority of these. See section 5 for a list of reports, information and data used in the 2002 water quality assessment and update of the 303(d) list.

Regional Board staff also solicited comments on the proposed assessment methodology to be used in the 2002 update of the 303(d) list. Staff presented the proposed methodology as an information item at a special meeting of the Regional Board on May 31, 2001. Interested persons were given until June 30, 2001 to provide comments on the proposed methodology. Staff also gave a presentation on the proposed methodology at a regularly scheduled meeting of the Southern California Association of POTWs (SCAP) and presented an early draft of the 2002 update to the 303(d) list to SCAP on October 16, 2001. Comments received by the Regional Board will be included in the submittal package to State Board.

Finally, staff held a public workshop on November 19, 2001 to discuss proposed changes to the 1998 303(d) list and presented staff's recommended changes to the Regional Board as an Information Item at a Board meeting on December 13, 2001.

#### 1.2 Overview of Report

The update to the 1998 303(d) list includes recommendations for new listings of water bodies and pollutants as well as for de-listings. This document describes the methodology that was used to complete the regional assessment of water quality and to identify recommended changes to the 303(d) list of impaired surface waters within the Los Angeles Region. The specific factors for each recommended <u>change</u> to the 1998 303(d) list are described in a Fact Sheet (see attached). Fact sheets are not included for water bodies where there was insufficient data to complete an assessment or if new data support existing listings.

#### 2 Factors Considered in Recommending Changes to the 303(d) List

#### 2.1 Listing Factors

Water bodies and associated pollutants were recommended for addition to the 303(d) list if any one of the following factors was met:

- 1. Effluent limitations or other pollution control requirements (e.g., BMPs) are not stringent enough to assure protection of beneficial uses and attainment of water quality objectives outlined in the Basin Plan and in statewide water quality control plans, including those implementing SWRCB Resolution No. 68-16 "Statement of Policy with Respect to Maintaining High Quality of Waters in California."
- 2. Fishing, drinking water, or swimming advisory currently in effect.
- 3. Beneficial uses are impaired or are expected to be impaired within the listing cycle (i.e., in the next four years). Impairment is based upon evaluation of chemical, physical, or biological integrity. Impairment was determined based upon physical/chemical monitoring, bacteriological monitoring, toxicity tests, bioassessment and/or habitat monitoring, and other monitoring data such as fish tissue data, sediment chemistry and sediment toxicity. Applicable Basin Plan water quality objectives, Federal water quality criteria (e.g., CTR criteria), US EPA recommended water quality criteria, or criteria or guidelines developed by other state or federal agencies determine the basis for impairment status.
- 4. The water body is on the previous 303(d) list and either (a) monitoring continues to demonstrate a violation of objectives or (b) monitoring has not been performed.
- 5. Data indicate tissue concentrations in consumable body parts of fish or shellfish exceed applicable tissue criteria or guidelines. Criteria used to assess tissue impairments were Maximum Tissue Residue Levels (MTRLs) for protection of human health and National Academy of Science (NAS) guidelines for predator protection.

### 2.2 Delisting Factors

Water bodies were recommended for removal from the list for specific pollutants or stressors if either of the following two factors was met:

- 1. The original listing was based on exceeding EDLs (Elevated Data Levels) or other assessment guidelines not considered sufficient for determining water quality impairments.
- 2. It has been documented that the objectives are being met and beneficial uses are not impaired based upon an evaluation of available monitoring data.

### 3 Assessment Criteria

The Regional Board's water quality assessment follows USEPA (1997) guidance as outlined in the *Guidelines for Preparation of the Comprehensive State Water Quality Assessments* (305(b) Reports) and Electronic Updates: Supplement and generally follows the methodology used in the 1996 water quality assessment prepared by the Regional Board (LARWQCB, 1996). The USEPA guidance specifies that seven broad beneficial use categories should be assessed in the 305(b) Reports; the federal beneficial uses evaluated in this assessment report and the corresponding Regional beneficial uses and water quality objectives used to assess these uses are listed in Table 3-1. Several regional beneficial uses are not assessed in this report including aquaculture, hydropower generation, freshwater replenishment, navigation, industrial process supply and industrial service supply.

Each of these federal beneficial uses is assessed according to the following designations: fully supporting, fully supporting but threatened, partially supporting, not supporting, and not assessed. The fully supporting but threatened category relates to waterbodies where a use is supported but may not be in the future unless pollution prevention or control action is taken. Waterbodies that are assessed as fully supporting but threatened, partially supporting, or not supporting are considered "impaired" and are proposed for listing on the federal Clean Water Act 303(d) list of impaired waters.

Federal Beneficial Use	Regional Beneficial Use	Water Quality Objectives
Fish consumption	Commercial and sport fishing	Fish consumption advisories; tissue MTRLs
Shellfish harvesting	Shellfish harvesting	Shellfish harvesting advisories
Aquatic life	Warm freshwater habitat	CTR acute and chronic aquatic life criteria; ammonia; DO; pH; solid,
	Cold freshwater habitat	suspended & settleable material; floating material; water column
	Estuarine habitat	toxicity; tissue MTRLs; sediment
	Wetland habitat	ERM and PEL guidelines; sediment toxicity; benthic infauna
	Marine habitat	
	Wildlife habitat	
,	Preservation of biological habitat	
	Rare, threatened, or endangered species	
	Migration of aquatic organisms	
	Spawning, reproduction, and/or early development	
Swimming or primary contact recreation	Water contact recreation	Total coliform; fecal coliform; beach closures; beach postings
Secondary contact recreation	Non-contact recreation	Fecal coliform
Drinking water supply (raw water)	Municipal and domestic supply	Title 22 Primary MCLs; nitrogen
	Ground water recharge	
Agriculture	Agricultural supply	Water quality objectives from Table 3-8

Table 3-1. Correlation between Federal and Regional Beneficial Uses and Associated Water Quality Objectives

When comparing data against standards, the "worst case approach" is used. That is, if one parameter, such as ammonia, dissolved oxygen or a trace metal, indicates impairment for a particular use, the waterbody is designated as impaired for the use affected by this parameter.

For example, a waterbody that is not supporting the aquatic life use due to high ammonia concentrations and is partially supporting the use due to elevated metal concentrations would be given an overall classification of "not supporting."

Each watershed in the region is divided into waterbody reaches (a specified segment of river or creek) and lakes or reservoirs that match those designated in the 1994 Water Quality Control Plan (hereafter referred to as Basin Plan). The one exception to this is in the Calleguas Creek watershed, where through the TMDL process the reaches have been redefined (see Appendix A for a description and map of the new reach definitions). Not all reaches had sufficient data to assess all uses, and in many cases no uses could be assessed for a particular reach. If there were multiple sampling stations within a reach, the data were aggregated and analysis was performed for the entire reach. Therefore, in general, entire reaches are assessed rather than portions of a reach.

To aid in future assessments, staff has identified potential sources of pollutants to the extent possible. However, for many waterbodies, data are not sufficient to link specific sources to specific pollutants.

Some beneficial uses, notably agriculture and in some cases aquatic life and contact recreation, are impaired due to constituents that have naturally high concentrations within a watershed or subwatershed. Examples of these constituents include total dissolved solids, chlorides, boron and sulfate that are leached from rock formations. In some lakes and estuaries, coliform counts may be high due to a large population of waterfowl. Though natural sources may be contributing to the impairment - not enough information is available at this point to classify any of the affected uses as "unattainable" – therefore, water bodies are still listed as impaired even if the source is likely natural. The source of these impairments will be carefully evaluated during the TMDL process.

The US EPA Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports): Supplement (1997) provides formulas for conducting assessment of five of the 305(b) beneficial uses (assessment methodologies are not given for the secondary contact recreation use or agriculture use). The Regional Board followed US EPA guidelines where such guidelines were applicable. These guidelines are described below. Additional guidelines and criteria were developed to assess other beneficial uses (agriculture and non-contact recreation) and for other data types (i.e., tissue, sediment, benthic community, water column toxicity) not addressed in the 1997 guidelines. A summary of the guidelines used in this assessment is presented below.

For water chemistry and bacteriological data, a minimum requirement of ten data points over a three-year period was determined to be necessary for conducting an assessment of any reach/pollutant combination. For tissue, sediment, bioassessment and toxicity data, a weight of evidence approach was used, as described below.

#### 3.1 Aquatic Life Assessment Guidelines

Aquatic life use support can be determined based on *bioassessments*, *habitat assessments*, *toxicity assessments* and/or *physical/chemical data*.

Most of the aquatic life use support assessments in the Los Angeles Region are based on physical and chemical water, as well as sediment, toxicity and bioaccumulation data. Physical and chemical data (water column) includes toxic substances (priority pollutants, chlorine and ammonia) and conventional constituents or stressors (dissolved oxygen, pH, and temperature). The assessment guidelines, based on USEPA's guidance document, are shown in Table 3-2. Regional Board staff developed additional guidelines for tissue, sediment and benthic community data lacking detailed US EPA guidelines. These are also described below.

Water chemistry objectives for aquatic life use support are drawn from the region's 1994 Basin Plan and the California Toxics Rule (CTR). Note that the metals data are compared to dissolved criteria, where data were expressed as total recoverable a conversion factor was used to determine the dissolved fraction. In addition, metals criteria in the CTR are hardness dependent; therefore, the event-specific hardness is used to determine the appropriate limit. If no hardness data were available, the default hardness value of 400 mg/L was used.

The Regional Board has recently initiated a comprehensive regional bioassessment monitoring program, known as the Surface Water Ambient Monitoring Program (SWAMP) and expects to use data collected under this program in future assessments. However, for this assessment, the Regional Board used best professional judgement to indicate only a few localized habitat-related problems such as areas of high sedimentation and impairment of benthic communities.

Assessment Designation	Assessment Guidelines					
Bioassessment						
Fully supporting	Reliable data indicates functioning, sustainable biological communities (e.g., macroinvertebrates, fish, or algae) none of which has been modified significantly beyond the natural range of the reference condition.					
Partially supporting	At least one assemblage (e.g., macroinvertebrates, fish, or algae) indicates moderate modification of the biological community compared to the reference condition.					
Not supporting	At least one assemblage indicates nonsupport. Data clearly indicate severe modification of the biological community compared to the reference condition.					
	Fish tissue data					
Fully supporting	Reliable data indicates fish tissue concentrations below human health and/or predator risk thresholds.					
Partially supporting	No guideline					

Table 3-2. Assessment	Guidelines fo	or Aquatic Lit	fe Use Support'	(USEPA, 1997)
	0			( = = = = -, = = = = , )

-	

.



Assessment Designation	Assessment Guidelines
Not supporting	Data indicates fish tissue concentrations above human health and/or predator risk thresholds.
	Habitat assessment
Fully supporting	Reliable data indicate natural channel morphology, substrate composition, bank/riparian structure, and flow regime of region. Riparian vegetation of natura types and of relatively full standing crop biomass (i.e., minimal grazing or disruptive pressure).
Partially supporting	Modification of habitat slight to moderate usually due to road crossings, limited riparian zones because of encroaching land use patterns, and some watershed erosion. Channel modification slight to moderate.
Not supporting	Moderate to severe habitat alteration by channelization and dredging activities, removal of riparian vegetation, bank failure, heavy watershed erosion or alteration of flow regime.
Aquatic life us	e support: Aquatic and/or sediment toxicity data
Fully supporting	No toxicity noted in either acute or chronic tests compared to controls or reference conditions.
Partially supporting	No toxicity noted in acute tests, but may be present in chronic tests in either slight amounts and/or infrequently within annual cycles.
Not supporting	Toxicity noted in many tests and occurs frequently.
	Ater column toxic substances (priority pollutants listed in th rnia Toxics Rule, trace metals, ammonia)
Fully supporting	For any one pollutant, no more than 1 violation of chronic criteria and no more than 1 violation of acute criteria within a 3-year period based on at least 10 grat or 1-day composite samples. If fewer than 10 samples are available, then best
	professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s).
Partially supporting	professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s).
Partially supporting	professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s). For any one pollutant, acute or chronic criteria exceeded more than once within
Not supporting	<ul> <li>professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s).</li> <li>For any one pollutant, acute or chronic criteria exceeded more than once within a 3-year period, but in &lt;= 10 percent of samples.</li> <li>For any one pollutant, acute or chronic criteria exceeded in &gt; 10 percent of</li> </ul>
Not supporting	<ul> <li>professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s).</li> <li>For any one pollutant, acute or chronic criteria exceeded more than once within a 3-year period, but in &lt;= 10 percent of samples.</li> <li>For any one pollutant, acute or chronic criteria exceeded in &gt; 10 percent of samples.</li> </ul>
Not supporting Aquatic life use support: W	professional judgement is used considering the number of pollutants having violations and the magnitude of the exceedance(s).         For any one pollutant, acute or chronic criteria exceeded more than once within a 3-year period, but in <= 10 percent of samples.

.

# 3.1.1 Aquatic life assessment guidelines: Tissue, sediment and benthic community data

Lacking US EPA guidelines, the Regional Board developed assessment guidelines for sediment chemistry, sediment toxicity, benthic infaunal community and bioaccumulation (tissue) data for the purposes of this water quality assessment report. These general guidelines are described below and in Table 3-3. The primary sources of monitoring data were the Bay Protection and Toxic Cleanup Program (BPTCP) database, the State Mussel Watch Program (SMW) database and the Toxic Substances Monitoring Program (TSM) database. The BPTCP database provided primarily sediment chemistry, sediment toxicity and benthic infaunal community data. The SMW database provided primarily tissue contaminant levels from mussels (either transplanted or resident species) and limited sediment chemistry data. The TSM database provided primarily tissue contaminant levels from various fish species.

Special studies provided additional monitoring data for Marina del Rey (The Marine Environment of Marina del Rey Harbor, Report to the Department of Beaches and Harbors, County of Los Angeles by Aquatic Bioassay and Consulting Laboratories, July 1995-June 1996; July 1996-June 1997; July 1997-June 1998; July 1998-June 1999), Los Angeles River Estuary (Final Environmental Assessment for Los Angeles River Estuary Maintenance Dredging, Long Beach California, Prepared by Department of the Army, Corps of Engineers, Los Angeles District, July 1997; Results of Physical, Chemical and Bioassay Testing of Sediments Collected from the Los Angeles River Estuary, Report to US Army Corps of Engineers, Los Angeles District by MEC Analytical Systems, September, 1998), Ballona Creek Estuary (Report of Testing of Sediments Collected from Marina del Rey Harbor, California, Submitted to US Army Corps of Engineers, Los Angeles District by MEC Analytical Systems, February 1998; February 1999) and Port Hueneme (The Port of Hueneme, California, Deep Draft Navigation Feasibility Study, Final Feasibility Report, US Army Corps of Engineers, Los Angeles District, August 1999).

BPTCP, SMW and TSM data not previously reviewed for the 1996 Water Quality Assessment (the last comprehensive, region-wide assessment) were included in the current assessment. Therefore, in general, monitoring data from 1994 through 1998 comprised the main source of information reviewed for the assessment. Preliminary data from the SMW and TSM programs for 1999 and 2000 were not included in this review, since quality control/quality assessment review of these data has not been completed. Monitoring data from the Bight98 coastal ocean monitoring program were not included in this review, since the final reports from the study have not been completed and the data have not been released to the public.

Nearly all of the sediment toxicity data reviewed was generated by the BPTCP. Only sediment toxicity test results based on amphipod survival (using either <u>Rhepoxynius abronius</u> or <u>Eohaustorius estuarius</u>) were used for the assessment. Sediments were characterized as "toxic" if there was a significant difference in mean survival between a sample and the control and if the magnitude of this difference was biologically significant (e.g., 20 % difference in survival between sample and control) (Sediment Chemistry, Toxicity and Benthic Community Conditions in Selected Water Bodies of the Los Angeles Region, Final

Report to California State Water Resources Control Board, Bay Protection and Toxic Cleanup Program by California Department of Fish and Game, August 1998).

Nearly all of the benthic infaunal community data also was generated by the BPTCP. The health of the benthic community was evaluated through the use of a Relative Benthic Index (RBI) developed for the program (Sediment Chemistry, Toxicity and Benthic Community Conditions in Selected Water Bodies of the Los Angeles Region, Final Report to California State Water Resources Control Board, Bay Protection and Toxic Cleanup Program by California Department of Fish and Game, August 1998). Calculated RBI values range from 0.00 (most impacted) to 1.00 (least impacted). The benthic infaunal community was deemed to be significantly impacted at RBI values less than or equal to 0.30. Impacted stations generally have a low total number of species present, few crustacean species, the presence of negative (pollution tolerant) species and absence of positive (pollution sensitive) species.

Sediment chemistry pollutant concentrations were compared to existing sediment quality guideline values proposed for evaluation of sediment contamination. These guidelines were developed through empirical observation of large data sets, containing matching sediment chemistry and biological effects (toxicity) data to provide guidance for evaluating the probability that measured contaminant concentrations may contribute to observed biological effects. Sediment concentrations that exceed the "probable effects level" are usually associated with toxicity.

Two different "probable effects level" measures (see Table 3-3) have been used for this assessment: the Effects Range-Median (ERM) values developed by the National Oceanographic and Atmospheric Administration (Long, E.R., L.J. Field and D.D. MacDonald, 1998, Predicting Toxicity in Marine Sediments with Numerical Sediment Quality Guidelines, Environmental Toxicology and Chemistry 17(4): 714-727) and the Probably Effects Level (PEL) developed by the State of Florida (MacDonald, D.D., 1994, Approach to the Assessment of Sediment Quality in Florida Coastal Waters, Prepared for the Florida Department of Environmental Regulation, MacDonald Environmental Services, Ltd., Ladysmith, British Columbia). If sediment concentrations for a given pollutant exceeded either or both of the probable effects level thresholds, sediments were deemed to be impaired due to this constituent.

Tissue concentrations based on samples of fish filets or whole mussels were compared to maximum tissue residue levels (MTRLs). See Table 3-3. MTRLs are objectives developed to protect human health from consumption of fish or shellfish that contain substances at levels which could result in significant human health problems. MTRLs were developed by State Water Resources Control Board staff for use in evaluating data collected by the SMW and TSMP (Del Rasmussen, State Water Resources Control Board, Division of Water Quality, personal communication). These MTRLs are based on water quality objectives adopted by the State of California (e.g., California Ocean Plan, California Toxics Rule) and are calculated using human health consumption criteria and bioconcentration factors recommended by the US EPA. If tissue concentrations of a given pollutant exceeded MTRL values, the organism was deemed to be impaired due to this constituent.

Tissue concentrations based on whole body samples of fish were compared to National Academy of Sciences (NAS) guidelines, which represent objectives to protect the organisms that contain the toxic substances, as well as the species that consume these contaminated organisms. See Table 3-3. These guidelines have not been updated since they were published in 1973; consequently, the recommended maximum concentrations for toxic substances are considered to be too high to be protective for all waterbodies in the region, but they can be used to identify highly contaminated areas.

Previous water quality assessments utilized the "elevated data level" (EDL) approach to identify impaired waterbodies. However, State Board, Regional Board and US EPA staff agree that the EDL is not a sufficient assessment guideline alone for determining impairment. therefore listings of impairment based solely on EDL exceedances have been dropped from the current water quality assessment. EDLs are not water quality standards; they simply represent a statistical comparison measure that ranks a given concentration of a particular substance with previous data collected for a specified monitoring program. State Board has used EDL calculations (usually EDL 85 or EDL 95, representing the 85<sup>th</sup> or 95<sup>th</sup> percentile of the entire set of measurements in the database) to describe unusually high chemical concentrations found within its State Mussel Watch, Toxic Substances Monitoring and Bay Protection and Toxic Cleanup Programs, and to compare findings in a particular area or region with the larger database of findings from all over the state. However, as State Board has indicated in the data reports for these programs, EDLs are not directly related to potentially adverse human or animal health effects; they do not assess adverse impacts, nor do they necessarily represent concentrations that may be damaging to organisms or to a human consuming these species. In addition, there is no direct relationship to MTRL levels or NAS guidelines.

Assessment of Impairment. Beneficial uses have been listed as impaired based upon exceedances of the thresholds or guidelines described above. We often have only a limited number of sample results for a given waterbody, due to the expense of collecting and analyzing sediment chemistry, sediment toxicity, benthic infaunal community and bioaccumulation data. Therefore, we have required a minimum number of two samples to assess each waterbody (in some cases, two different types of samples may have been collected during the same sampling event). For these data types, we prefer to use a weightof-evidence approach to determine impairment of beneficial uses. Ideally, we look for both contamination of the environment (i.e., sediment chemistry exceedances) and adverse biological impacts (i.e., sediment toxicity, bioaccumulation or benthic community degradation). Unfortunately, for many waterbodies, we lack sediment chemistry data and have relied only upon biological impact measures to determine impairment. However, we have not listed beneficial uses as impaired solely on the basis of sediment chemistry exceedances.

We have removed listings of impairment in cases where recent data suggests that the beneficial use is no longer impacted, due to improvements in water quality reflected by elimination of previously observed exceedances of thresholds or guidelines. We also have removed listings of impairment in cases where the previous listings were based on thresholds or guidelines that are now deemed to be insufficient for determining impairment (e.g.,

9

Elevated Data Levels calculated from the BPTCP, SMW or TSM databases; Median International Standards (MIS) based on a Food and Agriculture Organization of the United Nations survey of health protection criteria used by member nations) (refer to Toxic Substances Monitoring Program 1994-95 Data Report by State Water Resources Control Board, October 1997, for a discussion of EDL and MIS guidelines) or where standards have changed (e.g., MTRLs for arsenic and chromium no longer exist, since the California Toxics Rule does not include human health consumption criteria for these compounds).

Constituent	Sediment ERM	Sediment PEL	Tissue MTRL (inland)	Tissue MTRL (bay/estuary)	Tissue MTRL (ocean) (ppb)	NAS guidelines (ppb)
Arsenic	70 ppm	41.6 ppm	(	(		
Cadmium	9.6 ppm	4.21 ppm				
Chromium	370 ppm	160.4 ppm				
Copper	270 ppm	108.2 ppm				
Lead	218 ppm	112.2 ppm				
Mercury	0.7 ppm	0.7 ppm	0.37 ppm	0.37 ppm		500
Nickel	51.6 ppm	42.8 ppm	28.7 ppm	220 ppm		
Silver	3.7 ppm	1.77 ppm		1.		
Zinc	410 ppm	271 ppm				
Aldrin	•••		0.05 ppb	0.33 ppb	0.1	100 [1]
Total chlordane	6 ppb	4.79 ppb	8.0 ppb	8.3 ppb	0.32	100 [1]
P,p'-DDD			44.5 ppb	44.5 ppb		
P,p'-DDE	27 ppb	374.17 ppb	32.0 ppb	32.0 ppb		
P,p'-DDT	·····	4.77 ppb	32.0 ppb	32.0 ppb	9.1	
Total DDT	45.1 ppb	51.7 ppb	•-•			1000
Dieldrin			0.65 ppb	0.7 ppb	0.2	100 [1]
Endosulfan I			29700 ppb	64800 ppb		
Endosulfan II			29700 ppb	64800 ppb		
Endosulfan sulfate			29700 ppb	64800 ppb		
Endosulfan						100 [1]
Endrin	45 ppb		3020 ppb	3020 ppb	1	100 [1]
Alpha HCH			0.5 ppb	1.7 ppb		
Beta HCH			1.8 ppb	6.0 ppb	1	
Gamma HCH		0.99 ppb	2.5 ppb	8.2 ppb		
Hexachloro-			h-h-h		1	100 [1]
cyclohexane						
Heptachlor			2.4 ppb	2.3 ppb	8.1	100 [1]
Heptachlor epoxide			1.1 ppb	1.2 ppb		100 [1]
НСВ			6.5 ppb	6.7 ppb	2.0	100
Total PCB	180 ppb	188.8 ppb	5.3 ppb	5.3 ppb	0.6	500
Toxaphene		····	9.6 ppb	9.8 ppb	2.75	100 [1]
Total PAH	44792 ppb	16771 ppb			1	

Table 3-3. Assessment guidelines for sediment chemistry and bioaccumulation data

[1] Individually or in combination. Chemicals in this group are referred to collectively as Chemical Group A.

#### 3.2 Recreational Use Assessment Guidelines

One of the goals of the federal Clean Water Act is that all waterbodies of the nation be "swimmable." Many of the waterbodies of the Los Angeles region are designated as "swimmable" or usable for water contact recreation. Some of these designated waterbodies, however, are inaccessible due to gates and fences installed for flood control or drinking water reservoir protection purposes. In spite of this, residents, homeless individuals and occasionally children often gain access and use these areas. Therefore, all waterbodies with a water contact recreation use have been included in this report.

Assessment of primary contact recreational uses is based on closure and posting data for bathing areas and coliform bacteria data (Table 3-4). Bathing closure and posting data was acquired from the State Board, which compiles this data on an annual basis from local health departments. Inland surface water coliform data is not collected on a frequent basis; only fecal coliform standards are used. Dry weather beach data are collected frequently, weekly or daily, in the surfzone by major ocean dischargers and by the Los Angeles County Department of Health Services. Wet weather coliform data is collected less frequently in general. Beach data are compared to Ocean Plan standards, which include both total and fecal coliform objectives.

Additional factors such as persistent scum, oily films, excessive algae growth, significant trash, and persistent observations of non-natural foam and/or odor were also considered where data were available.

#### 3.2.1 Secondary Contact Recreation Use

Most of the waterbodies of the region are also designated for non-contact recreational use. This use includes activities where water is not normally ingested. The assessment for this use includes many of the same factors as for primary contact recreation, but the standards are less stringent for coliform bacteria.

Water contact and non contact recreation: Total and fecal coliform						
Fully supporting Geometric mean fecal coliform objective met and/or 10% threshold fecal coliform met.						
Partially supporting	Geometric mean met, but greater than 10% of samples exceed fecal coliform density of 400 per 100 ml or total coliform density of 10,000 per 100 ml, or greater than 20% of samples exceed total coliform density of 1,000 per 100 ml.					
Not supporting	Geometric mean exceeded.					
	Water contact recreation: Beach postings					
Fully supporting	Less than 10% of days per year of beach postings due to high bacterial indicator densities.					
Partially supporting No guideline						
Not supporting	Greater than 10% of days per year of beach postings due to high bacterial indicator densities.					
Water	contact recreation: Beach and inland bathing area closure					
Fully supporting	Fully supporting No bathing area closures or restrictions in effect during past 3 years.					
Partially supporting	On average, one bathing area closure per year of less than 1 week's duration.					
Not supporting	On average, one bathing area closure per year of greater than 1 week's duration, or more than one bathing area closure per year.					

Table 3-4. Assessment Guidelines for Recreational Use Support

#### 3.3 Fish and Shellfish Consumption Use

Fish and shellfish consumption use is assessed based on status of fishing advisories and bioaccumulation data. Guidelines for use of advisory data are listed in Table 3-5. Bioaccumulation standards are described above under aquatic life use.

	Fish and shellfish consumption use: Advisories				
Fully supporting No fish or shellfish restrictions or bans are in effect.					
Partially supporting	"Restricted consumption" of fish or shellfish in effect; or a fish or shellfish ban in effect for a subpopulation that could be at potentially greater risk, for one or more fish or shellfish species.				
Not supporting	"No consumption" of fish or shellfish ban in effect for general population, for one or more fish or shellfish species; or commercial fishing or shellfishing ban in effect.				

Table 3-5. Assessment	$\alpha$ $\cdot$ 1 1	C T' 1 /01 11C 1	
$13 \text{ Me} \leftarrow 3  \text{Accecement}$	( Jundelinec	tor High/Nhelitig	1 Concumption Lice
	viuuviinoa.	тог гландононна	

#### 3.4 Drinking Water Use Assessment Guidelines

Assessment of the use of waterbodies in the region for drinking water is based on concentrations of constituents that are regulated for drinking water. In this 305(b) report, ambient or raw (untreated) surface and ground waters are assessed. (Note that such water would be treated and disinfected, in accordance with requirements from the State Department of Health Services, prior to distribution for potable use). Contaminants that are generally not source-water related (e.g., corrosion byproducts, lead or copper from distribution system, or TTHMs) are not considered. Assessment of waterbodies for drinking water use differs from other uses in that median rather than mean of data is considered. Table 3-6 lists the guidelines for assessment.

Currently, all waterbodies in the region are designated as at a minimum potential MUN per the 1988 State Board Sources of Drinking Water Policy (SODW). A large number of waterbodies, however, were footnoted in the 1994 Basin Plan as being eligible for review and possible exemption status. The Regional Board staff is currently working toward a long-term policy for regulating water bodies designated potential MUN under the SODW policy. Waterbodies that were designated potential MUN under the SODW are assessed using Title 22 standards only.

Municipal and Domestic Supply: Chemical constituents (Title 22, nitrogen species)					
Fully supporting	No contaminants where the median concentration exceeds the state water quality standard.				
Fully supporting but threatened	No contaminants where the median concentration exceeds the state water quality standards, but greater than 10% of samples exceed the objective.				
Partially supporting	The median concentration of a contaminant(s) exceeds water quality standards.				
Not supporting	No guideline				

Table 3-6. Assessment	Guidelines	for Drinking	Water Lise	(MIN)
Table 3-0. Assessment	Guidennes	IOI DINKING	water Use	

#### 3.5 Agriculture Use and Waterbody-specific Objectives Assessment Guidelines

Water quality standards can vary by area and by crop. Due to a lack of state or federal standards, assessment of water quality for agricultural use is based upon local guidelines specified in Table 3-8 of the Basin Plan. The Basin Plan also includes waterbody specific objectives for TDS, Sulfate, Chloride, Boron, Nitrogen and SAR. These are assessed using the guidelines in Table 3-7.

Table 3-7. Assessment Guidelines for Agriculture Use and Waterbody Specific Objectives

Agriculture use and Waterbody-specific objectives: Chemical constituents							
Fully supporting	For any one pollutant or stressor, criteria exceeded in <= 10 percent of measurements or observations.						
Partially supporting	For any one pollutant or stressor, criteria exceeded in 11 to 25 percent of measurements or observations.						
Not supporting	For any one pollutant or stressor, criteria exceeded in > 25 percent of measurements or observations.						

### 4 Summary of Assessment Results

A total of 188 changes to the 1998 303(d) list are proposed; 116 new listings are proposed and 72 de-listings are proposed. The net change to the 1998 303(d) list is the addition of 44 waterbody segment/pollutant combinations. See Table 4-1 for a summary of the proposed changes by watershed and type of impairment.

Of the new listings, 84 are related to water chemistry, water column toxicity and bacterial indicators (see Table 4-2), while 32 are related to tissue, sediment or benthic community impairments (see Table 4-3). The new listings based on water chemistry, water column toxicity and bacterial indicators are broken down as follows: bacteria (24); metals (21); nitrogen and its effects (15); chloride, TDS, sulfate, boron (12); pH (5); sedimentation (2); organics (2); trash (1); toxicity (1); and unnatural foam/scum (1). The new listings based on tissue, sediment or benthic community impairments are broken down as follows: tissue (6); sediment chemistry (20); benthic community degradation (3); and sediment toxicity (3). Note that a single waterbody segment may have multiple impairments (e.g., impairments for tissue and sediment chemistry).

Of the de-listings, 5 are related to water chemistry, water column toxicity and bacterial indicators (see Table 4-4), while 67 are related to removal of tissue, sediment or benthic community impairment listings (see Table 4-5). The water chemistry and water column toxicity de-listings are broken down as follows: dissolved oxygen (3) and toxicity (2). The tissue, sediment and benthic community de-listings are broken down as follows: tissue (57); sediment (9); and benthic community (1). The majority of the tissue de-listing are proposed because the original listing was based on tissue concentrations exceeding Elevated Data Levels (EDLs), a guideline that was later determined by the State Board to be insufficient for determining impairment (SWRCB 1997).

# Table 4-1. Summary of Proposed Changes to 303(d) List

	New L	New Listings Delistings		Delistings		Net change
Watershed	Water column	Tissue/Sed	Water column	Tissue/Sed	to 303(d) List	to 303(d) List
Ballona Creek	7	Ó	0	7	14	0
Los Angeles River	9	5	0	4	18	10
San Gabriel River	11	0	0	2	13	9
Santa Clara River	12	0	0	0	12	12
Malibu Creek	6	0	0	6	12	0
Ventura River	5	0	0	8	13	-3
Calleguas Creek	23	5	5	24	57	-1
LA County Coastal	2	14	0	12	28	4
Ventura County Coastal	9	8	0	4	21	13
Total	84	32	5	67	188	44

1/28/02

Table 4-2: Draft New Listings for 2002 303(d) List - Water Chemistry, Water Column Toxicity and Bacterial Indicators

		Waterbody			Analytical		
Watershed	Waterbody	Туре	Cause	Priority	Unit	Start Date	End Date
Ballona Creek	Ballona Creek	R	Aluminum, total		57	2002	2004
Ballona Creek	Ballona Creek	R	Bis(2-ethylhexyl)phthalate		55	2002	2004
Ballona Creek	Ballona Creek	R	Copper, dissolved		57	2002	2004
Ballona Creek	Ballona Creek	R	Lead, dissolved		57	2002	2004
Ballona Creek	Ballona Creek	R	pH	L	none	2011	2013
Ballona Creek	Ballona Creek	R	Selenium, total		57	2002	2004
Ballona Creek	Ballona Creek	R	Zinc, dissolved		57	2002	2004
Calleguas Creek	All (except Conejo Ck.)	R	Sedimentation		5	2003	2005
Calleguas Creek	Arroyo Las Posas R1/R2 (Reach 6)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Arroyo Las Posas R1/R2 (Reach 6)		Nitrate as NO3		1	1997	Apr-02
Calleguas Creek	Arroyo Simi (Reach 7)	R	Water column toxicity		2	2003	2005
Calleguas Creek	Arroyo Simi R1 (Reach 7)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Calleguas Creek R1 (Reach 2)	R	Copper, dissolved		6	2004	2006
Calleguas Creek	Calleguas Creek R1 (Reach 2)	R	DDT (in water column)		5		
Calleguas Creek	Calleguas Creek R1 (Reach 2)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Conejo Creek (Reach 9B)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Conejo Creek (Reach 9B)	R	Unnatural foam/scum	L	none	2011	2013
Calleguas Creek	Conejo Creek R 1 (Reach 9A)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Conejo Creek R 2 (Reach 10)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Conejo Creek R 2 (Reach 10)	R	Nitrite as Nitrogen		1	Jun-05	Apr-02
Calleguas Creek	Conejo Creek R 3 (Reach 11)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	R '	NITRATE (AS NITROGEN)		1	1997	Apr-02
Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	R	NITRATE (AS NO3)		1	1997	Apr-02
Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	R	NITRITE (AS NITROGEN)	-	1	1997	Apr-02
Calleguas Creek	Revolon Slough (Reach 4)	R	Boron		4	1998	2004
Calleguas Creek	Revolon Slough (Reach 4)	R	Chloride		3	1998	Jan-02
Calleguas Creek	Revolon Slough (Reach 4)	R	Fecal coliform	L	none	2011	2013
Calleguas Creek	Revolon Slough (Reach 4)	R	Nitrate as NO3		1	1997	Apr-02
Calleguas Creek	Revolon Slough (Reach 4)	R	Sulfate		4	1998	2004
Calleguas Creek	Revolon Slough (Reach 4)	R	Total Dissolved Solids		4	1998	2004
LA County Coastal	Avalon Beach	С	Beach postings & closures	L	none	2011	2013
LA County Coastal	Castlerock Beach	С	Total Coliform		48	2000	2002
Los Angeles River	Dry Canyon Creek (LAR R 2)	R	Fecal Coliform		15	2000	Jun-02

.

1/28/02

# Table 4-2: Draft New Listings for 2002 303(d) List - Water Chemistry, Water Column Toxicity and Bacterial Indicators

		Waterbody			Analytical		
Watershed	Waterbody	Туре	Cause	Priority	Unit	Start Date	End Date
Los Angeles River	Dry Canyon Creek (LAR R 2)	R	Selenium, total		13	2002	2004
Los Angeles River	Los Angeles River - Reach 1	R	Aluminum, total		13	2002	2004
Los Angeles River	Los Angeles River - Reach 1	R	Cadmium, dissolved		13	2002	2004
Los Angeles River	Los Angeles River - Reach 1	R	Copper, dissolved		13	2002	2004
Los Angeles River	Los Angeles River - Reach 1	R	Zinc, dissolved		13	2002	2004
Los Angeles River	McCoy Canyon Creek (LAR R 2)	R	Fecal Coliform		15	2000	Jun-02
Los Angeles River	McCoy Canyon Creek (LAR R 2)	R	Nitrate as Nitrogen	L	none	2012	2014
Los Angeles River	McCoy Canyon Creek (LAR R 2)	R	Selenium, total		13	2002	2004
Malibu Creek	Cold Creek	R	Algae		50	1999	2002
Malibu Creek	Malibu Creek	R	Aluminum, total		68	2006	2008
Malibu Creek	Malibu Creek	R	Nitrite as Nitrogen		50	1999	2002
Malibu Creek	Malibu Creek	R	Selenium, total		68	2006	2008
Malibu Creek	Malibu Creek, Las Virgenes Creek, Triunfo Creek, Medea Creek	R	Sedimentation	L		2012	2014
Malibu Creek	Malibu Lagoon	Ŵ	Н		71		2010
San Gabriel R	Coyote Creek	R	Aluminum, total		39		2006
San Gabriel R	Coyote Creek	R	Copper, dissolved		39		2006
San Gabriel R	Coyote Creek	R	Lead, dissolved		39		2006
San Gabriel R	Coyote Creek	R	Selenium, total		39	2004	2006
San Gabriel R	Coyote Creek	R	Zinc, dissolved		39	2004	2006
San Gabriel R	Reach 1	R	Nitrite as N		37	2001	2003
San Gabriel R	Reach 2	R	Copper, dissolved		39	2004	2006
San Gabriel R	Reach 2	R	Zinc, dissolved		39	2004	2006
San Gabriel R	San Gabriel River Estuary	R	Ammonia as Nitrogen		37	2001	2003
San Gabriel R	San Gabriel River Estuary	R	Trash	L	none	2011	2012
San Gabriel R	San Jose Creek	R	pH		37	2001	2003
Santa Clara R	Hopper Creek	R	Sulfate	L	none	2012	2014
Santa Clara R	Hopper Creek	R	TDS	L	none	2012	2014
Santa Clara R	Piru Creek	R	pН		32	2001	2003
Santa Clara R	Pole Creek	R	Sulfate	L	none	2012	2014
Santa Clara R	Pole Creek	R	TDS	L	none	2012	2014
Santa Clara R	Reach 3	R	Nitrite as N		32	2001	2003
Santa Clara R	Reach 3	R	Nitrite+Nitrate as N		32	2001	2003
Santa Clara R	Reach 3	R	TDS	L	none	2012	2014

•

# Table 4-2: Draft New Listings for 2002 303(d) List - Water Chemistry, Water Column Toxicity and Bacterial Indicators

· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	Waterbody			Analytical		
Watershed	Waterbody	Туре	Cause	Priority	Unit	Start Date	End Date
Santa Clara R	Sespe Creek	R	Chloride		31	1998	Feb-02
Santa Clara R	Sespe Creek	R	pH		32	2001	2003
Santa Clara R	Todd Barranca	R	Sulfate	L	none	2012	2014
Santa Clara R	Todd Barranca	R	TDS	L	none	2012	2014
Ventura County Coastal	McGrath Lake (Estuary)	R	Fecal Coliform		23	2001	2003
	Ormond Beach (Industrial Drain -						
Ventura County Coastal	#43000)	С	Beach postings	L	none	2012	2014
Ventura County Coastal	Peninsula Beach (#23000)	С	Beach postings	L	none	2012	· 2014
	Rincon Beach (Creek mouth -						· · · ·
Ventura County Coastal	#1000)	C	Beach postings	L	none	2012	2014
Ventura County Coastal	Rincon Beach (Flagpole - #1050)	С	Beach postings	L	none	2012	2014
Ventura County Coastal	Rincon Creek	R	Fecal Coliform	L	none	2012	2014
Ventura County Coastal	Surfer's Point ("Stables" - #13000)	С	Beach postings	L	none	2012	2014
Ventura County Coastal	Seaside Park	С	Total Coliform	L	none	2012	2014
	Channel Islands Harbor Beach &						
Ventura County Coastal	Hobie Beach	C	Fecal Coliform	L	none	2012	2014
Ventura R	Canada Larga	R	Dissolved Oxygen		88	2003	2005
Ventura R	Canada Larga	R	Fecal Coliform (E. coli)	L	none	2012	2114
Ventura R	Estuary	E	Fecal Coliform	L	none	2012	2014
Ventura R	Estuary	E	Total Coliform	L	none	2012	2014
	San Antonio Creek (Tributary to					· · · · ·	
Ventura R	Reach 4)	R	Total Nitrogen		88	2003	2005

### Table 4-3: Draft New Listings for 2002 303(d) List - Sediment Chemistry and Toxicity, Tissue Chemistry and Benthic Community

Watershed	Waterbody	Waterbody Type	Cause	Priority	TMDL Analytical Unit	Start Date	End Date
Calleguas Creek	Conejo Creek (Calleguas Creek Reach 13)	R	Tissue (chlordane)		5		2005
Calleguas Creek	Conejo Creek (Calleguas Creek Reach 13)	R	Tissue (dieldrin)		5	2002	2005
Calleguas Creek	Conejo Creek (Calleguas Creek Reach 13)	R	Tissue (HCH)		5	2002	2005
Calleguas Creek	Conejo Creek (Calleguas Creek Reach 13)	R	Tissue (PCBs)		5		2005
Calleguas Creek	Mugu Lagoon (Reach 1)	W	Benthic community degradation		5		2005
Dominguez Channel	Estuary	E	Sediment (chlordane)		73	2005	2008
Dominguez Channel	Estuary	E	Sediment (copper)		75	2004	2007
Dominguez Channel	Estuary	E	Sediment (PCBs)		73	2005	2008
Dominguez Channel	Estuary	E	Sediment toxicity		73	2005	2
LA County Coastal	LA Harbor Consolidated Slip	В	Sediment (arsenic)		75	2004	2007
LA County Coastal	LA Harbor Consolidated Slip	B	Sediment (cadmium)		75	2004	2007
LA County Coastal	LA Harbor Consolidated Slip	В	Sediment (copper)		75	2004	2007
LA County Coastal	LA Harbor Consolidated Slip	В	Sediment (mercury)		75	2004	2007
LA County Coastal	LA Harbor Consolidated Slip	В	Sediment (nickel)		75	2004	2007
LA County Coastal	LA Harbor Consolidated Slip	В	Tissue (dieldrin)		73	2005	2008
LA County Coastal	LA Harbor Consolidated Slip	B	Tissue (toxaphene)		73	2005	2008
LA County Coastal	Los Cerritos Channel	R	Sediment (chlordane)	L	none	2012	2014
LA County Coastal	Los Cerritos Channel	R	Sediment toxicity	L	none	2012	2014
LA County Coastal	Marina del Rey Back Basins	B	Sediment (PCBs)		54	2002	2005
LA River	Estuary (Queensway Bay)	E	Sediment (chlordane)		73	2005	2008
LA River	Estuary (Queensway Bay)	E	Sediment (DDT)		73	2005	2008
LA River	Estuary (Queensway Bay)	E	Sediment (lead)		75	2004	2007
LA River	Estuary (Queensway Bay)	E	Sediment (PCBs)		73	2005	2008
LA River	Estuary (Queensway Bay)	E	Sediment (zinc)		75	2004	2007
Ventura County Coastal	McGrath Lake (Estuary)	E	Benthic community degradation		25	2004	2007
Ventura County Coastal	McGrath Lake (Estuary)	E	Sediment (dieldrin)		25	2004	2
	McGrath Lake (Estuary)	E	Sediment (PCBs)		25	2004	2007
Ventura County Coastal	McGrath Lake Ag Drain	R	Benthic community degradation		25	2004	2007
Ventura County Coastal	McGrath Lake Ag Drain	· R	Sediment (chlordane)		25	2004	2007
Ventura County Coastal			Sediment (DDT)		25	2004	2007
Ventura County Coastal		R	Sediment (dieldrin)		25		
Ventura County Coastal		R	Sediment toxicity		25		

# Table 4-4: Draft De-listings for 2002 303(d) List - Water Chemistry and Water Column Toxicity

Watershed	Waterbody	Waterbody Type	Cause	TMDL Analytical Unit
Calleguas Creek	Calleguas Creek R1 (Reach 2)	R	Water column toxicity	2
Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	R	Org. enrich/low DO	1
Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	R	Water column toxicity	2
Calleguas Creek	Conejo Creek Reach 2 (Reach 10)	R	Org. enrich/low DO	1
Calleguas Creek	Conejo Creek Reach 3 (Reach 11)	R	Org. enrich/low DO	1

· · ·				TMDL	
		Waterbody		Analytical	
Watershed	Waterbody	Туре	Cause	Unit	Rationale for De-listing
Ballona Creek	Ballona Creek	R	Sediment (TBT)		no quideline
Ballona Creek	Ballona Creek	R	Tissue (arsenic)		no MTRL
Ballona Creek	Ballona Creek	R	Tissue (Copper)		based on EDL
Ballona Creek	Ballona Creek	R	Tissue (Lead)		based on EDL
Ballona Creek	Ballona Creek	R	Tissue (Silver)		based on EDL
Ballona Creek	Ballona Creek Estuary	E	Sediment (arochlor)		Waterbody already listed for PCBs generally
Ballona Creek	Ballona Creek Wetlands	W	Tissue (arsenic)		no MTRL
Calleguas Creek	Arroyo Simi R1 (Moorpark Fwy to Brea Cyn)	R	Tissue (Chromium)		based on EDL
Calleguas Creek	Arroyo Simi R1 (Moorpark Fwy to Brea Cyn)	R	Tissue (Nickel)		based on EDL
Calleguas Creek	Arroyo Simi R1 (Moorpark Fwy to Brea Cyn)	R	Tissue (Selenium)		based on EDL
Calleguas Creek	Arroyo Simi R1 (Moorpark Fwy to Brea Cyn)	R	Tissue (Silver)		based on EDL
Calleguas Creek	Arroyo Simi R1 (Moorpark Fwy to Brea Cyn)	R	Tissue (Zinc)		based on EDL
Calleguas Creek	Calleguas Creek R 2	R	Tissue (dacthal)		based on EDL
Calleguas Creek		R	Tissue (Cadmium)		based on EDL
Calleguas Creek		R	Tissue (Chromium)		based on EDL
Calleguas Creek	Conejo Creek Reach 1 (Confi w/ Calleguas to Santa Rosa Rd)		Tissue (Dacthal)		based on EDL
Calleguas Creek	Conejo Creek Reach 1 (Confl w/ Calleguas to Santa Rosa Rd)		Tissue (Nickel)		based on EDL
Calleguas Creek	Conejo Creek Reach 1 (Confl w/ Calleguas to Santa Rosa Rd)		Tissue (Silver)		based on EDL
Calleguas Creek	Conejo Creek Reach 2 (Santa Rosa Rd to TO City limit)	R	Tissue (Cadmium)		based on EDL
Calleguas Creek	Conejo Creek Reach 2 (Santa Rosa Rd to TO City limit)	R	Tissue (Chromium)		based on EDL
Calleguas Creek	Conejo Creek Reach 2 (Santa Rosa Rd to TO City limit)	R	Tissue (Dacthal)		based on EDL
Calleguas Creek	Conejo Creek Reach 2 (Santa Rosa Rd to TO City limit)	R	Tissue (Nickel)		based on EDL
Calleguas Creek	Conejo Creek Reach 2 (Santa Rosa Rd to TO City limit)	R	Tissue (Silver)		based on EDL
Calleguas Creek	Conejo Creek Reach 3 (TO to Lynn Rd)	R	Tissue (Cadmium)		based on EDL
Calleguas Creek	Conejo Creek Reach 3 (TO to Lynn Rd)	R	Tissue (Chromium)		based on EDL
Calleguas Creek	Conejo Creek Reach 3 (TO to Lynn Rd)	R	Tissue (Dacthal)		based on EDL
Calleguas Creek	Conejo Creek Reach 3 (TO to Lynn Rd)	R	Tissue (Nickel)		based on EDL
Calleguas Creek	Conejo Creek Reach 3 (TO to Lynn Rd)	R	Tissue (Silver)		based on EDL
Calleguas Creek	Conejo Creek Reach 4 (Above Lynn Rd)	R	Tissue (Dacthal)		based on EDL
Calleguas Creek	Mugu Lagoon	E	Tissue (Dacthal)		no defensible guideline
Calleguas Creek	Revolon Slough Main Branch	R	Sediment (dacthal)	1	no defensible guideline
LA County Coastal	Colorado Lagoon	T	Tissue (Lead)		based on EDL
LA County Coastal	LA Fish Harbor	В	Sediment (TBT)		no quideline
LA County Coastal	LA Harbor Consolidated Slip	B	Tissue (Tributyltin)		no guideline
LA County Coastal	LA Harbor Consolidated Slip	B	Tissue (Zinc)		no guideline
LA County Coastal	LA Harbor Consolidated Slip	B	Sediment (TBT)		no guideline
LA County Coastal	LA Harbor Main Channel	B	Sediment (TBT)		no guideline
LA County Coastal	Marina del Rey (Back Basins)	B	Benthic Community Effects		no stations below threshold for significant degradation
LA County Coastal	Marina del Rey (Back Basins)	B	Sediment (DDT)		sediment concentrations below the level of concern
LA County Coastal	Marina del Rey (Back Basins)	B	Tissue (Copper)		based on EDL
LA County Coastal	Marina del Rey (Back Basins)	B	Tissue (Lead)		based on EDL
LA County Coastal	Marina del Rey (Back Basins)	В	Tissue (Lead)		no guideline
LA County Coastal	Marina del Rey (Back Basins) Marina del Rey (Back Basins)	В	Tissue (TBT)		no guideline
Los Angeles R	Lake Calabasas	1	Tissue (Copper)		based on EDL
Los Angeles R	Lake Calabasas	1	Tissue (Copper)		based on EDL
		R			did not exceed NAS guideline in 1992
Los Angeles R	Los Angeles River Reach 5 (at Sepulveda Basin)	R	Tissue (ChemA)		based on EDL
Los Angeles R	Los Angeles River Reach 5 (at Sepulveda Basin)	N	Tissue (chlorpyrifos)		
Malibu Creek	Lake Lindero		Tissue (Selenium)	68	based on indefensible MIS guideline

#### Table 4-5: Draft De-listings for 2002 303(d) List - Sediment Chemistry, Sediment Toxicity, Tissue Chemistry and Benthic Community

				TMDL	
		Waterbody		Analytical	
Watershed	Waterbody	Туре	Cause	Unit	Rationale for De-listing
Malibu Creek	Malibou Lake	L	Tissue (chlordane)	6	1 concentrations lower than MTRL
Malibu Creek	Malibou Lake	L	Tissue (Copper)	6	8 based on EDL
Malibu Creek	Malibou Lake	L	Tissue (PCBs)		1 non-detects for several years
Malibu Creek	Westlake Lake	L	Tissue (chlordane)	6	1 original listing based on 6.6 ppb which is <mtrl< td=""></mtrl<>
Malibu Creek	Westlake Lake	L	Tissue (Copper)	E 6	8 based on EDL
San Gabriel R	Coyote Creek	R	Tissue (Silver)	3	9 based on EDL
San Gabriel R	Estuary	E	Tissue (arsenic)	3	9 no MTRL
Ventura County Coastal		L	Sediment (total pesticides)	2	5 no defensible guideline available
Ventura County Coastal	Port Hueneme Harbor (Back Basins)	В	Sediment (PAHs)	2	7 low levels based on ACOE data
Ventura County Coastal	Port Hueneme Harbor (Back Basins)	В	Tissue (TBT)	3	0 no guideline
Ventura County Coastal	Port Hueneme Harbor (Back Basins)	В	Tissue (Zinc)	2	8 no guideline
Ventura R	Estuary	E	Tissue (DDT)	8	7 concentration below MTRL
Ventura R	Reach 1	R	Tissue (Copper)	9	0 based on EDL
Ventura R	Reach 1	R	Tissue (Silver)	9	0 based on EDL
Ventura R	Reach 1	R	Tissue (Zinc)	9	0 based on EDL
Ventura R	Reach 2	R	Tissue (Copper)	9	0 based on EDL
Ventura R	Reach 2	R	Tissue (Selenium)		2 based on EDL
Ventura R	Reach 2	R	Tissue (Silver)	9	0 based on EDL
Ventura R	Reach 2	R	Tissue (Zinc)	9	0 based on EDL

The proposed de-listings would eliminate 11 TMDL analytical units as specified in the Consent Decree between the U.S. EPA and Heal the Bay, Inc. et al. filed on March 22, 1999. See Table 4-6. The proposed new listings would add twelve new TMDL analytical units as follows:

- Calleguas Creek bacteria;
- Ballona Creek pH;
- Avalon Beach beach postings;
- San Gabriel River Estuary trash;
- McCoy Canyon Creek (LA River) nitrate;
- Santa Clara River salts;
- Los Cerritos Channel sediment toxicity;
- Peninsula Beach beach postings;
- Ormond Beach beach postings;
- Channel Islands Harbor Beach and Hobie Beach bacteria;
- Surfer's Point and Seaside Park bacteria and beach postings; and
- Ventura River bacteria.

Fact sheets are provided for proposed new listings and delistings. In Table 1 of each fact sheet is information that will be included in the 2002 303(d) list, such as the waterbody segment and size affected by the impairment, the pollutant causing the impairment, and the TMDL priority and TMDL start and end dates. Most of the proposed new listings can be folded into existing TMDL Analytical Units specified in the Consent Decree. Deadlines for completion of these TMDL Analytical Units have been scheduled through the Consent Decree. Therefore, instead of assigning a TMDL priority to these proposed new listings, staff identified the existing TMDL Analytical Unit under which the proposed new listing would be placed and indicated the prescribed start and end dates for the TMDL.

In cases where the proposed new listing could not be folded into an existing TMDL Analytical Unit, staff identified the new listing as a low priority, to be started after the Consent Decree commitments are met. The assignment of a low priority to these new TMDL analytical units is not a reflection on their importance, but is given because the Regional Board must first meet existing Consent Decree commitments before beginning new TMDLs. These new TMDL analytical units would be started no sooner than 2011 and end no later than 2014, twelve years after the original listing of the waterbody and pollutant combination.

Analytical Unit	Waterbodies	Pollutants
14	LA River Reach 5	Chlorpyrifos
18	LA River Reach 5	ChemA
27	Port Hueneme Harbor	PAHs
28	Port Hueneme Harbor	Zinc
30	Port Hueneme Harbor	ТВТ
61	Westlake Lake and Malibou Lake	Chlordane, PCBs
70	Ballona Creek/Marina del Rey	твт
79	LA Harbor	ТВТ
87	Ventura River Estuary	DDT
90	Ventura River Reaches 1 & 2	Copper, Zinc, Silver
92	Ventura River Reach 2	Selenium

Table 4-6. TMDL Analytical Units to be Removed based on Proposed Delistings
---

### 5 Data Relied Upon

#### 5.1 Reports and Information

Aquatic Bioassay and Consulting Laboratories. The Marine Environment of Marina del Rey Harbor, Reports to the Department of Beaches and Harbors, County of Los Angeles, July 1995-June 1996; July 1996-June 1997; July 1997-June 1998; July 1998-June 1999.

California Department of Fish and Game, Office of Spill Prevention and Response, Water Pollution Control Laboratory. 1998. A Water Quality Inventory Series: Biological and Physical/Habitat Assessment of California Water Bodies, Calleguas Creek Characterization Study, Benthic Macroinvertebrates (November 1998).

California Office of Environmental Health Hazard Assessment. 2001. California Sport Fish Consumption Advisories. June 2001.

City of Los Angeles, Bureau of Sanitation. 2001. Low-Flow Diversion of Dry-Weather Runoff. Report to City of Los Angeles' Environmental Quality and Waste Management Committee, January 11, 2001.

Jones, Howard M. Letter with photographs from Howard M. Jones, Trustee, Lena Jones Trust, to Melinda Becker, Los Angeles Regional Water Quality Control Board, dated April 26, 2001.

Larry Walker and Associates. 2000. Calleguas Creek Characterization Study: Results of the Coordinated Water Quality Monitoring Program, Surface Water Element.

Masoner, Kim. Letter with photographs from Kim Masoner, President, Seal Beach Chamber and Business Association, to Renee DeShazo, Los Angeles Regional Water Quality Control Board, dated May 11, 2001.

MEC Analytical Systems. Report of Testing of Sediments Collected from Marina del Rey Harbor, California, Submitted to US Army Corps of Engineers, Los Angeles District, February 1998; February 1999.

MEC Analytical Systems. 1998. Results of Physical, Chemical and Bioassay Testing of Sediments Collected from the Los Angeles River Estuary, Report to US Army Corps of Engineers, Los Angeles District (September 1998).

US Army Corps of Engineers, Los Angeles District. 1999. The Port of Hueneme, California, Deep Draft Navigation Feasibility Study, Final Feasibility Report (August 1999).

US Army Corps of Engineers, Los Angeles District. 1997. Final Environmental Assessment for Los Angeles River Estuary Maintenance Dredging, Long Beach, California (July 1997).

US Department of Agriculture, Natural Resources Conservation Service. 1995. Calleguas Creek Watershed Erosion and Sediment Control Plan for Mugu Lagoon, Ventura and Los Angeles Counties, California (May 1995).

#### 5.2 External Data by Organization

Camarillo Sanitary District. Receiving water data.

Casitas Municipal Water District

City of Calabasas. Adopt-A-Creek water quality data.

City of Los Angeles. L.A.-Glendale and Tillman Water Reclamation Plants' receiving water data.

City of San Buenaventura

City of Thousand Oaks. Conejo Creek supplemental data.

City of Thousand Oaks. Hill Canyon and Olsen Road WWRPs' receiving water data.

County of Los Angeles, Department of Public Works. Stormwater monitoring data.

California Department of Water Resources, Southern District.

Heal the Bay. Bioassessment and physical habitat assessment data for Malibu Creek watershed.

Las Virgenes Municipal Water District. Tapia Water Reclamation Facility receiving water data.

Los Angeles County Sanitation Districts. Long Beach, Los Coyotes, Pomona, San Jose Creek, Saugus, Valencia and Whittier Narrows Water Reclamation Plants' receiving water data.

Ojai Valley Sanitation District.

Santa Barbara ChannelKeeper. Ventura River Watershed Monitoring Program.

Santa Monica BayKeeper. BeachKeeper Program: Citizen Water Quality Monitoring Data (January 1996-May 2001). Volumes I & II.

State Water Resources Control Board. Bay Protection and Toxic Cleanup Program.

State Water Resources Control Board. Beach Closure Report.

State Water Resources Control Board. Calleguas Creek toxicity monitoring data.

State Water Resources Control Board. State Mussel Watch Program.

State Water Resources Control Board. Toxic Substances Monitoring Program.

United Water Conservation District.

Ventura County Department of Health Services. Shoreline bacteriological data.

### 6 References

California Department of Fish and Game. 1998. Sediment Chemistry, Toxicity and Benthic Community Conditions in Selected Water Bodies of the Los Angeles Region, Final Report to California State Water Resources Control Board, Bay Protection and Toxic Cleanup Program, August 1998.

Federal Register. 2000. Water Quality Standards; Establishment of Numeric Criteria for Priority Toxic Pollutants for the State of California; Rule (California Toxics Rule). 40 CFR Part 131. May 18, 2000.

Harrington, James M. 2001. Letter from James M. Harrington, California Department of Fish and Game, to Jonathan S. Bishop, Los Angeles Regional Water Quality Control Board, dated December 6, 2001.

MacDonald, D.D. 1994. Approach to the Assessment of Sediment Quality in Florida Coastal Waters, Prepared for the Florida Department of Environmental Regulation, MacDonald Environmental Services, Ltd., Ladysmith, British Columbia.

Long, E.R., L.J. Field and D.D. MacDonald. 1998. Predicting Toxicity in Marine Sediments with Numerical Sediment Quality Guidelines, Environmental Toxicology and Chemistry 17(4): 714-727.

Los Angeles Regional Water Quality Control Board. 2001. Letter to Interested Persons dated March 5, 2001.

Los Angeles Regional Water Quality Control Board. 1996. 1996 California Water Quality Assessment – 305(b) Report Supporting Documentation for Los Angeles Region.

Los Angeles Regional Water Quality Control Board. 1994. Water Quality Control Plan, Los Angeles Region (Basin Plan).

Rasmussen, Del. 2001. Division of Water Quality, State Water Resources Control Board. Personal communication.

State Water Resources Control Board. 2001a. Memo to Regional Board Executive Officers from Stan Martinson, Chief, Division of Water Quality, regarding "Solicitation of Water Quality Information."

State Water Resources Control Board. 2001b. Letter to Interested Persons from Stan. Martinson, Chief, Division of Water Quality, dated March 14, 2001.

State Water Resources Control Board. 2000. State Mussel Watch Program 1995-1997 Data Report (September 2000).

State Water Resources Control Board. 1997a. Water Quality Control Plan, Ocean Waters of California (Ocean Plan).

State Water Resources Control Board. 1997b. Toxic Substances Monitoring Program 1994-95 Data Report (October 1997).

United States Environmental Protection Agency. 1997. Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports) and Electronic Updates: Supplement.

# APPENDIX A: Calleguas Creek Reach Descriptions.

Reach No.	Reach Name	Geographic Description	1998 303(d) List Reach Name	Basin Plan Reach Name
1	Mugu Lagoon	Lagoon fed by Calleguas Creek	Mugu Lagoon Rio de Santa Clara/Oxnard Drain # 3 (tributaries)	Mugu Lagoon 403.11
2	Calleguas Creek South	Downstream (south) of Potrero Road	Calleguas Creek Reach 1 Duck Pond Ag Drain/Mugu Drain /Oxnard Dr. (tributaries)	Calleguas Creek Estuary 403.11 Calleguas Creek 403.11
3	Calleguas Creek North	Potrero Road upstream to confluence Conejo Creek	Calleguas Creek Reach 3	Calleguas Creek 403.11
4	Revolon Slough	Revolon Slough from confluence with Calleguas Creek Estuary to Central Avenue	Revolon Slough	Revolon Slough 403.11
5	Beardsley Wash	Revolon Slough upstream of Central Avenue	Beardsley Channel	Beardsley Wash 403.61
6	Arroyo Las Posas	Confluence with Conejo Creek to Hitch Road	Arroyo Las Posas Reaches 1 and 2 Fox Barranca (tributary)	Calleguas Creek 403.12 Arroyo Las Posas 403.12; 403.62
7	Arroyo Simi	End of Arroyo Las Posas (Hitch Rd) to headwaters in Simi Valley	Arroyo Simi Reaches 1 and 2	Arroyo Simi 403.62; 403.67
8	Tapo Canyon	Confluence with Arroyo Simi up Tapo Canyon to headwaters	Tapo Canyon Reach 1	Tapo Canyon Creek 403.66; 403.67; Gillibrand Canyon Creek 403.66; 403.67
9A	Conejo Creek	Extends from the confluence with Calleguas Creek to the Camrosa Diversion	Conejo Creek Reach 1	403.12 Arroyo Conejo 403.64
9B	Conejo Creek main stem	Extends from Camrosa Diversion to the Confluence with Arroyo Santa Rosa	Conejo Creek Reaches 1 and 2	Arroyo Conejo 403.64
10	Hill Canyon reach of	Confluence with Arroyo Santa Rosa to	Conejo Creek Reach 2	Arroyo Conejo 403.64

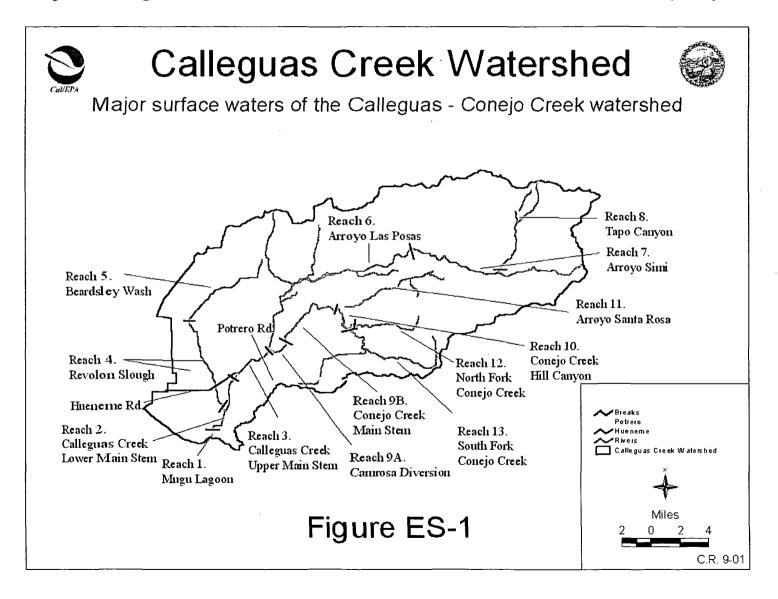




Reach No.	Reach Name	Geographic Description	1998 303(d) List Reach Name	Basin Plan Reach Name
	Conejo Creek	confluence with N. Fork; and N. Fork to just above Hill Canyon WWTF	Conejo Creek Reach 3 Conejo Creek/ Arroyo Conejo North Fork	
11	Arroyo Santa Rosa	Just upstream from the confluence with Conejo Creek to headwaters	Arroyo Santa Rosa	Arroyo Santa Rosa 403.63; 403.65
12	North Fork Conejo Creek	From just above Hill Canyon WWTF to headwaters of the North Fork	Conejo Creek North Fork	North Fork Arroyo Conejo 403.64
13	South Fork Conejo Creek	Confluence with N. Fork to headwaters of the South Fork—two channels	Conejo Creek Reaches 3 and 4 Conejo Creek South Fork	Arroyo Conejo 403.68

.

Map of Calleguas Creek Watershed Stream Reaches used in 2002 Water Quality Assessment



THIS PAGE LEFT BLANK INTENTIONALLY

# APPENDIX B: 2002 Revisions to 1998 303(d) List

(Revisions to 1998 303(d) list shown in underline/strikeout)

THIS PAGE LEFT BLANK INTENTIONALLY

Watershed	WBNAME	Cause / POLL	COMMENTS
1 Ballona Creek	Ballona Creek	Aluminum, total	
2 Ballona Creek	BALLONA CREEK	Arsenic	Elevated levels of arsenic in tissue.
3 Ballona Creek	Ballona Creek	Bis(2-ethylhexyl)pthalate	
4 Ballona Creek	BALLONA CREEK	Cadmium	Elevated levels of cadmium in sediment.
5 Ballona Creek	BALLONA CREEK	ChemA	Elevated levels of chemA pesticides in tissue.
6 Ballona Creek	BALLONA CREEK	Chlordane	Elevated levels of chlordane in tissue.
7 Ballona Creek	BALLONA CREEK	Copper	Elevated levels of copper in tissue and sediment.
8 Ballona Creek	Ballona Creek	Copper, dissolved	
9 Ballona Creek	BALLONA CREEK	DDT	Elevated levels of DDT in tissue.
10 Ballona Creek	BALLONA CREEK	Dieldrin	Elevated levels of dieldrin in tissue.
11 Ballona Creek	BALLONA CREEK	Enteric Viruses	
12 Ballona Creek	BALLONA CREEK	High Coliform Count	
13 Ballona Creek	BALLONA CREEK	Lead	Elevated levels of lead in tissue and sediment.
14 Ballona Creek	Ballona Creek	Lead, dissolved	
15 Ballona Creek	BALLONA CREEK	PCBs	Elevated levels of PCBs in tissue.
16 Ballona Creek	Ballona Creek	pH	
17 Ballona Creek	BALLONA CREEK	Sediment Toxicity	
18 Ballona Creek	Ballona Creek	Selenium, total	
19 Ballona Creek	BALLONA CREEK	Silver	Elevated levels of silver in tissue and sediment.
20 Ballona Creek	BALLONA CREEK	Toxicity	
21 Ballona Creek	BALLONA CREEK	Trash	··· ·· · · ·
22 Ballona Creek	BALLONA CREEK	TributyItin	Elevated levels of tributyltin in sediment.
23 Ballona Creek	Ballona Creek	Zinc, dissolved	
24 Ballona Creek	BALLONA CREEK ESTUARY	Arochlor	Elevated levels of arochlor in sediment.
25 Ballona Creek	BALLONA CREEK ESTUARY	Chlordane	Elevated levels of chlordane in tissue and sediment.
26 Ballona Creek	BALLONA CREEK ESTUARY	DDT	Elevated levels of DDT in sediment.
27 Ballona Creek	BALLONA CREEK ESTUARY	High Coliform Count	
28 Ballona Creek	BALLONA CREEK ESTUARY	Lead	Elevated levels of lead in sediment.
29 Ballona Creek	BALLONA CREEK ESTUARY	PAHs	Elevated levels of PAHs in sediment.
30 Ballona Creek	BALLONA CREEK ESTUARY	PCBs	Elevated levels of PCBs in tissue and sediment.
31 Ballona Creek	BALLONA CREEK ESTUARY	Sediment Toxicity	
32 Ballona Creek	BALLONA CREEK ESTUARY	Shellfish Harvesting Adv.	······································
33 Ballona Creek	BALLONA CREEK ESTUARY	Zinc	Elevated levels of zinc in sediment.
34 Ballona Creek	BALLONA CREEK WETLANDS	Arsenic	Elevated levels of arsenic in tissue.
35 Ballona Creek	BALLONA CREEK WETLANDS	Exotic Vegetation	
36 Ballona Creek	BALLONA CREEK WETLANDS	Habitat alterations	······································
37 Ballona Creek	BALLONA CREEK WETLANDS	Hydromodification	
38 Ballona Creek	BALLONA CREEK WETLANDS	Reduced Tidal Flushing	
39 Ballona Creek	BALLONA CREEK WETLANDS	Trash	
40 Calleguas Creek	All except Conejo Creek	Sedimentation	
41 Calleguas Creek	Arroyo Las Posas R1/R2 (Reach 6)	Fecal coliform	
42 Calleguas Creek	Arroyo Las Posas R1/R2 (Reach 6)	Nitrate	
43 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Ammonia	
44 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Chloride	
44 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	DDT	Elevated levels of DDT in sediment.
46 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO FOX BARRANCA)	Nitrate and Nitrite	
40 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO POX BARRANCA)	Sulfates	
48 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO POX BARRANCA)	Total Dissolved Solids	
49 Calleguas Creek	ARROYO LAS POSAS REACH 1 (LEWIS SOMIS RD TO POX BARRAINCA) ARROYO LAS POSAS REACH 2 (FOX BARRAINCA TO MOORPARK FWY (23))	Ammonia	
50 Calleguas Creek	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Chloride	
51 Calleguas Creek	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23)) ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	DDT	Elevated levels of DDT in sediment.
51 Calleguas Creek	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23)) ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Nitrate and Nitrite	Elevated levels of DD1 111 sediment.
53 Calleguas Creek	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23)) ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23))	Sulfates	
53 Calleguas Creek		1.2	
55 Calleguas Creek	ARROYO LAS POSAS REACH 2 (FOX BARRANCA TO MOORPARK FWY (23)) Arroyo Simi (Reach 7)	Total Dissolved Solids	
		Water column toxicity	
56 Calleguas Creek	Arroyo Simi R1 (Reach 7)	Fecal coliform	
57 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Ammonia	

',

Watershed	WBNAME	Cause / POLL	COMMENTS
58 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Boron	
59 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Chloride	
60 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Chromium	Elevated levels of chromium in tissue.
61 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Nickel	Elevated levels of nickel in tissue.
62 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Selenium	Elevated levels of selenium in tissue.
63 Calleguas Greek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Silver	Elevated levels of silver in tissue.
64 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Sulfates	
65 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CYN)	Total Dissolved Solids	
66 Calleguas Creek	ARROYO SIMI REACH 1 (MOORPARK FRWY (23) TO BREA CTN)	Zine	Elevated levels of zinc in tissue.
67 Calleguas Creek	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Boron	
68 Calleguas Creek	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Sulfates	
69 Calleguas Creek	ARROYO SIMI REACH 2 (ABOVE BREA CANYON)	Total Dissolved Solids	
70 Calleguas Creek			· · · · · · · · · · · · · · · · · · ·
	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Algae	
71 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	ChemA	Elevated levels of chemA pesticides in tissue.
72 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Chlordane	Elevated levels of chlordane in tissue and sediment.
73 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Chlorpyrifos	Elevated levels of chlorpyrifos in tissue.
74 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Dacthal	Elevated levels of dacthal in sediment.
75 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	DDT	Elevated levels of DDT in tissue and sediment.
76 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Dieldrin	Elevated levels of dieldrin in tissue.
77 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Endosulfan	Elevated levels of endosulfan in tissue and sediment.
78 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Nitrogen	
79 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	PCBs	Elevated levels of PCBs in tissue.
80 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
81 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Toxicity	
82 Calleguas Creek	BEARDSLEY CHANNEL (ABOVE CENTRAL AVENUE)	Trash	
83 Calleguas Creek	Calleguas Creek R 1 (Reach 2)	DDT (in water column)	
84 Calleguas Creek	Calleguas Creek R1 (Reach 2)	Copper, dissolved	
85 Calleguas Creek	Calleguas Creek R1 (Reach 2)	Fecal coliform	
86 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Ammonia	
87 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	ChemA	Elevated levels of chemA in tissue.
88 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Chlordane	Elevated levels of chlordane in tissue.
89 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	DDT	Elevated levels of DDT in tissue and sediment.
90 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Endosulfan	Elevated levels of endosulfan in tissue.
91 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Nitrogen	
92 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	PCBs	Elevated levels of PCBs in tissue.
93 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Sediment Toxicity	
94 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
95 Calleguas Creek	CALLEGUAS CREEK REACH 1 (ESTUARY TO 0.5MI S OF BROOME RD)	Toxicity	
96 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Ammonia	
97 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	ChemA	Elevated levels of chemA pesticides in tissue.
98 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Chlordane	Elevated level of chlordane in tissue.
99 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Dacthal	Elevated level of dacthal in tissue.
100 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	DDT	Elevated level of DDT in tissue and sediment.
101 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Endosulfan	Elevated level of endosulfan in tissue.
102 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Nitrogen	
103 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	PCBs	Elevated level of PCBs in tissue.
100 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO FOTRERO RD	Sediment Toxicity	
105 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Toxaphene	Elevated level of toxaphene in tissue and sediment.
106 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.5 MI S OF BROOME RD TO POTRERO RD	Toxicity	
100 Calleguas Creek	CALLEGUAS CREEK REACH 2 (0.3 MI S OF BROOME RD TO FOTRERO RD CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Chloride	
108 Calleguas Creek	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Nitrate and Nitrite	n ····
109 Calleguas Creek	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)		
	CALLEGUAS CREEK REACH 3 (POTRERO TO SOMIS RD)	Total Dissolved Solids	
110 Calleguas Creek		Tissue (chlordane)	
111 Calleguas Creek	Conejo Creek (Reach 13)	Tissue (dieldrin)	
112 Calleguas Creek	Conejo Creek (Reach 13)	Tissue (HCH)	
113 Callequas Creek	Coneio Creek (Reach 13)	Tissue (PCBs)	
114 Calleguas Creek	Conejo Creek (Reach 9B)	Fecal coliform	

Watershed	WBNAME	Cause / POLL	COMMENTS
115 Calleguas Creek	Conejo Creek (Reach 9B)	Unnatural foam/scum	
116 Calleguas Creek	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Ammonia	
117 Calleguas Creek	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Chlordane	Elevated levels of chlordane in tissue.
118 Calleguas Creek	CONEJO CREEK / ARROYO CONEJO NORTH FORK	DDT	Elevated levels of DDT in tissue.
119 Calleguas Creek	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Sulfates	
120 Calleguas Creek	CONEJO CREEK / ARROYO CONEJO NORTH FORK	Total Dissolved Solids	
121 Calleguas Creek	Conejo Creek R 1 (Reach 9A)	Fecal coliform	
122 Calleguas Creek	Conejo Creek R 2 (Reach 10)	Fecal coliform	
123 Calleguas Creek	Conejo Creek R 2 (Reach 10)	Nitrite as N	
124 Calleguas Creek	Conejo Creek R 3 (Reach 11)	Fecal coliform	
125 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Algae	
126 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Ammonia	
127 Galleguas Greek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Cadmium	Elevated levels of cadmium in tissue.
128 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	ChemA	Elevated levels of chemA pesticides in tissue.
129 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Chromium	Elevated levels of chromium in tissue.
130 Galleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Dacthal	Elevated levels of dacthal in tissue.
131 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	DDT	Elevated levels of DDT in tissue.
132 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Endosulfan	Elevated levels of endosulfan in tissue.
133 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Nickel	Elevated levels of nickel in tissue.
134 Galleguas Greek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Org. enrichment/Low D.O.	
135 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Silver	Elevated levels of silver in tissue.
136 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Sulfates	
137 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Total Dissolved Solids	
138 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
139 Calleguas Creek	CONEJO CREEK REACH 1 (CONFL CALL TO SANTA ROSA RD)	Toxicity	
140 Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	NITRATE (AS NITROGEN)	
141 Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	NITRATE (AS NO3)	
142 Calleguas Creek	Conejo Creek Reach 1 (Reach 9A)	NITRITE (AS NITROGEN)	
143 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Algae	
144 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Ammonia	
145 Galleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Gadmium	Elevated levels of cadmium in tissue.
146 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	ChemA	Elevated levels of chemA pesticides in tissue.
147 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Chloride	
148 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Chromium	Elevated levels of chromium in tissue.
149 Galleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Dacthal	Elevated levels of dacthal in tissue.
150 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	DDT	Elevated levels of DDT in tissue.
151 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Endosulfan	Elevated levels of endosulfan in tissue.
152 Galleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Nickel	Elevated levels of nickel in tissue.
153 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Org. enrichment/Low D.O.	
154 Galleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO: OAKS CITY LIMIT)	Silver	Elevated levels of silver in tissue.
155 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Sulfates	
156 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Total Dissolved Solids	
157 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
158 Calleguas Creek	CONEJO CREEK REACH 2 (SANTA ROSA RD TO THO. OAKS CITY LIMIT)	Toxicity	
159 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Algae	·····
160 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Ammonia	
161 Galleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Cadmium	Elevated levels of cadmium in tissue.
162 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	ChemA	Elevated levels of chemA pesticides in tissue.
163 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LININ RD.)	Chromium	Elevated levels of chromium in tissue.
163 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LITIN RD.)	Dacthal	Elevated levels of dacthal in tissue.
165 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITT LIMIT TO LIMIT RD.)	DDT	Elevated levels of DDT in tissue.
166 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Endosulfan	Elevated levels of endosulfan in tissue.
167 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Nickel	Elevated levels of nickel in tissue.
167 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Org. enrichment/Low D.O.	
169 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LITIN RD.)	Silver	Elevated levels of silver in tissue.
	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Sulfates	
170 Calleguas Creek		Total Dissolved Solids	
171 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Total Dissolved Solids	<u> </u>

Watershed	WBNAME	Cause / POLL	COMMENTS
172 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
173 Calleguas Creek	CONEJO CREEK REACH 3 (THOUSAND OAKS CITY LIMIT TO LYNN RD.)	Toxicity	
174 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Algae	
175 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Ammonia	
176 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	ChemA	Elevated levels of chemA pesticides in tissue.
177 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Chloride	
178 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Dacthal	Elevated levels of dacthal in tissue.
179 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	DDT	Elevated levels of DDT in tissue.
180 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Endosulfan	Elevated levels of endosulfan in tissue.
181 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Org. enrichment/Low D.O.	
182 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Sulfates	
183 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Total Dissolved Solids	
184 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
185 Calleguas Creek	CONEJO CREEK REACH 4 (ABOVE LYNN RD.)	Toxicity	
186 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	ChemA	Elevated levels of chemA pesticides in tissue.
187 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Chlordane	Elevated levels of chlordane in tissue.
188 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	DDT	Elevated levels of DDT in tissue and sediment.
189 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Nitrogen	
190 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Sediment Toxicity	
191 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Toxaphene	Elevated levels of toxaphene in tissue.
192 Calleguas Creek	DUCK POND AGRICULTURAL DRAIN/MUGU DRAIN/OXNARD DR #2	Toxicity	
193 Calleguas Creek	FOX BARRANCA	Boron	
194 Calleguas Creek	FOX BARRANCA	Nitrate and Nitrite	
195 Calleguas Creek	FOX BARRANCA	Sulfates	
196 Calleguas Creek	FOX BARRANCA	Total Dissolved Solids	
197 Calleguas Creek	MUGU LAGOON	Chlordane	Elevated levels of chlordane in tissue.
198 Calleguas Creek	MUGU LAGOON	Copper	
199 Calleguas Creek	MUGU LAGOON	Dacthal	Elevated levels of dacthal in tissue.
200 Calleguas Creek	MUGU LAGOON	DDT	Elevated levels of DDT in tissue and sediment. Effects on bird r
201 Calleguas Creek	MUGU LAGOON	Endosulfan	Elevated levels of endosulfan in tissue.
202 Calleguas Creek	MUGU LAGOON	Mercury	
203 Calleguas Creek	MUGU LAGOON	Nickel	
204 Calleguas Creek	MUGU LAGOON	Nitrogen	
205 Calleguas Creek	MUGU LAGOON	PCBs	Elevated levels of PCBs in tissue.
206 Calleguas Creek	MUGU LAGOON	Sediment Toxicity	
207 Calleguas Creek	MUGU LAGOON	Sedimentation/Siltation	
208 Calleguas Creek	MUGU LAGOON	Zinc	
209 Calleguas Creek	Mugu Lagoon (Reach 1)	Benthic community degradation	
210 Calleguas Creek	Revolon Slough (Reach 4)	Boron	
211 Calleguas Creek	Revolon Slough (Reach 4)	Chloride	
212 Calleguas Creek	Revolon Slough (Reach 4)	Fecal coliform	
213 Calleguas Creek	Revolon Slough (Reach 4)	Nitrate as NO3	
214 Calleguas Creek	Revolon Slough (Reach 4)	Sulfate	4
215 Calleguas Creek	Revolon Slough (Reach 4)	Total Dissolved Solids	
216 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Algae	
217 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	ChemA	Elevated levels of chemA pesticides in tissue.
218 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Chlordane	Elevated levels of chlordane in tissue and sediment.
219 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Chlorpyrifos	Elevated levels of chlorpyrifos in tissue.
220 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Dacthal	Elevated levels of dacthal in sediment.
221 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	DDT	Elevated levels of DDT in tissue and sediment.
222 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Dieldrin	Elevated levels of dieldrin in tissue.
223 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Endosulfan	Elevated levels of endosulfan in tissue and sediment.
224 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Nitrogen	
225 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	PCBs	Elevated levels of PCBs in tissue.
226 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Selenium	
227 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Toxaphene	Elevated levels of toxaphene in tissue and sediment.
228 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Toxicity	

.

Watershed	WBNAME	Cause / POLL	COMMENTS
229 Calleguas Creek	REVOLON SLOUGH MAIN BRANCH (MUGU LAGOON TO CENTRAL AVENUE)	Trash	
230 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	ChemA	Elevated levels of chemA pesticides in tissue.
231 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	Chlordane	Elevated levels of chlordane in tissue.
232 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	DDT	Elevated levels of DDT in tissue.
233 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	Nitrogen	
234 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	PCBs	Elevated levels of PCBs in tissue.
235 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	Sediment Toxicity	
236 Calleguas Creek	RIO DE SANTA CLARA/OXNARD DRAIN #3	Toxaphene	Elevated levels of toxaphene in tissue.
237 Calleguas Creek	TAPO CANYON REACH 1	Boron	
238 Calleguas Creek	TAPO CANYON REACH 1	Chloride	
239 Calleguas Creek	TAPO CANYON REACH 1	Sulfates	
240 Calleguas Creek	TAPO CANYON REACH 1	Total Dissolved Solids	
241 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Aldrin	Elevated levels of aldrin in tissue.
242 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Ammonia	
243 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	ChemA	Elevated levels of chemA pesticides in tissue.
244 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Chlordane	Elevated levels of chlordane in tissue.
245 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Chromium	Elevated levels of chromium in sediment.
246 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Copper	
247 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	DDT	Elevated levels of DDT in tissue and sediment.
248 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Dieldrin	Elevated levels of dieldrin in tissue.
249 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	High Coliform Count	
250 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Lead	Elevated levels of lead in tissue.
251 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	PAHs	Elevated levels of PAHs in sediment.
252 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	PCBs	Elevated levels of PCBs in tissue.
253 Dominguez Channel	DOMINGUEZ CHANNEL (ABOVE VERMONT)	Zinc	Elevated levels of zinc in sediment.
254 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Aldrin	Elevated levels of aldrin in tissue.
255 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Ammonia	
256 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Benthic Comm. Effects	
257 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	ChemA	Elevated levels of chemA pesticides in tissue.
258 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Chlordane	Elevated levels of chlordane in tissue.
259 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Chromium	Elevated levels of chromium in sediment.
260 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Copper	
261 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	DDT	Elevated levels of DDT in tissue and sediment.
262 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Dieldrin	Elevated levels of dieldrin in tissue.
263 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	High Coliform Count	
264 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Lead	Elevated levels of lead in tissue.
265 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	PAHs	Elevated levels of PAHs in sediment.
266 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	PCBs	Elevated levels of PCBs in tissue.
267 Dominguez Channel	DOMINGUEZ CHANNEL ESTUARY (TO VERMONT)	Zinc	Elevated levels of zinc in sediment.
268 Dominguez Channel	Estuary	Sediment (chlordane)	
269 Dominguez Channel	Estuary	Sediment (copper)	
270 Dominguez Channel	Estuary	Sediment (PCBs)	
271 Dominguez Channel	Estuary	Sediment toxicity	
272 Dominguez Channel	WILMINGTON DRAIN	Ammonia	~~ <b>~</b> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
273 Dominguez Channel	WILMINGTON DRAIN	Copper	
274 Dominguez Channel	WILMINGTON DRAIN	High Coliform Count	
275 Dominguez Channel	WILMINGTON DRAIN	Lead	
276 LA County Coastal Features and Bays	MANHATTAN BEACH	Beach Closures	
277 LA County Coastal Features and Bays	MARINA DEL REY HARBOR BEACH	Beach Closures	
278 LA County Coastal Features and Bays	MARINA DEL REY HARBOR BEACH	High Cotiform Count	
279 LA County Coastal Features and Bays	MARINA DEL REY HARBOR BLACK BASINS	Benthic Comm. Effects	·····
280 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Chlordane	Elevated levels of chlordane in tissue and sediment.
281 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Copper	Elevated levels of copper in tissue and sediment.
282 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS		Elevated levels of DDT in tissue and sediment. Shellfish Harves
283 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS MARINA DEL REY HARBOR-BACK BASINS	Dieldrin	Elevated levels of DDT in dissue and sediment. Shemish harve
283 LA County Coastal Features and Bays 284 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Fish Consumption Advisory	
		High Coliform Count	
285 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	inign Collionn Count	

Watershed	WBNAME	Cause / POLL	COMMENTS
286 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Lead	Elevated levels of lead in tissue and sediment.
287 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	PCBs	Elevated levels of PCBs in tissue. Shellfish Harvesting Advisory
288 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Sediment Toxicity	
289 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	TributyItin	Elevated levels of tributyltin in tissue.
290 LA County Coastal Features and Bays	MARINA DEL REY HARBOR-BACK BASINS	Zinc	Elevated levels of zinc in tissue and sediment.
291 LA County Coastal Streams	MALIBU CREEK	Aluminum, total	
292 LA County Coastal Streams	MALIBU CREEK	Fish barriers	
293 LA County Coastal Streams	MALIBU CREEK	High Coliform Count	
294 LA County Coastal Streams	MALIBU CREEK	Nitrite as Nitrogen	
295 LA County Coastal Streams	MALIBU CREEK	Nutrients (Algae)	
296 LA County Coastal Streams	MALIBU CREEK	Scum/Foam-unnatural	· · · · · · · · · · · · · · · · · · ·
297 LA County Coastal Streams	MALIBU CREEK	Trash	
298 LA County Coastal Streams	MALIBU LAGOON	Benthic Comm. Effects	
299 LA County Coastal Streams	MALIBU LAGOON	Enteric Viruses	
300 LA County Coastal Streams	MALIBU LAGOON	Eutrophic	
301 LA County Coastal Streams	MALIBU LAGOON	High Coliform Count	
302 LA County Coastal Streams	MALIBU LAGOON	pH	· · · · · · · · · · · · · · · · · · ·
303 LA County Coastal Streams	MALIBU LAGOON	Shellfish Harvesting Adv.	
304 LA County Coastal Streams	MALIBU LAGOON	Swimming Restrictions	
305 LA County Coastal Features and Bays	ABALONE COVE BEACH	Beach Closures	
306 LA County Coastal Features and Bays	ABALONE COVE BEACH	DDT	Elevated levels of DDT in sediment.
307 LA County Coastal Features and Bays	ABALONE COVE BEACH	PCBs	Fish Consumption Advisory for PCBs.
308 LA County Coastal Features and Bays	AMARILLO BEACH	DDT	Fish Consumption Advisory for DDT.
309 LA County Coastal Features and Bays	AMARILLO BEACH	PCBs	Fish Consumption Advisory for PCBs.
310 LA County Coastal Features and Bays	Avalon Beach	Beach postings	
311 LA County Coastal Features and Bays	BIG ROCK BEACH	Beach Closures	
312 LA County Coastal Features and Bays	BIG ROCK BEACH	DDT	Fish Consumption Advisory for DDT.
313 LA County Coastal Features and Bays	BIG ROCK BEACH	High Coliform Count	
314 LA County Coastal Features and Bays	BIG ROCK BEACH	PCBs	Fish Consumption Advisory for PCBs.
315 LA County Coastal Features and Bays	BLUFF COVE BEACH	Beach Closures	
316 LA County Coastal Features and Bays	BLUFF COVE BEACH	DDT	Fish Consumption Advisory for DDT.
317 LA County Coastal Features and Bays	BLUFF COVE BEACH	PCBs	Fish Consumption Advisory for PCBs.
318 LA County Coastal Features and Bays	CABRILLO BEACH (INNER) LA HARBOR AREA	Beach Closures (Coliform)	
319 LA County Coastal Features and Bays	CABRILLO BEACH (INNER) LA HARBOR AREA	DDT	Fish Consumption Advisory for DDT.
320 LA County Coastal Features and Bays	CABRILLO BEACH (INNER) LA HARBOR AREA	PCBs	Fish Consumption Advisory for PCBs.
321 LA County Coastal Features and Bays	CABRILLO BEACH OUTER	Beach Closures	
322 LA County Coastal Features and Bays	CABRILLO BEACH OUTER	DDT	Fish Consumption Advisory for DDT.
323 LA County Coastal Features and Bays	CABRILLO BEACH OUTER	High Coliform Count	
324 LA County Coastal Features and Bays	CABRILLO BEACH OUTER	PCBs	Fish Consumption Advisory for PCBs.
325 LA County Coastal Features and Bays	CARBON BEACH	Beach Closures	
326 LA County Coastal Features and Bays	CARBON BEACH	DDT	Fish Consumption Advisory for DDT.
327 LA County Coastal Features and Bays	CARBON BEACH	PCBs	Fish Consumption Advisory for PCBs.
328 LA County Coastal Features and Bays	CASTLEROCK BEACH	Beach Closures	
329 LA County Coastal Features and Bays	CASTLEROCK BEACH	DDT	Fish Consumption Advisory for DDT.
330 LA County Coastal Features and Bays	CASTLEROCK BEACH	PCBs	Fish Consumption Advisory for PCBs.
331 LA County Coastal Features and Bays	Castlerock Beach	Total Coliform	
332 LA County Coastal Features and Bays	DAN BLOCKER MEMORIAL (CORAL) BEACH	High Coliform Count	
333 LA County Coastal Features and Bays	DOCKWEILER BEACH	Beach Closures	
334 LA County Coastal Features and Bays	DOCKWEILER BEACH	High Coliform Count	·····
335 LA County Coastal Features and Bays	ESCONDIDO BEACH	Beach Closures	
336 LA County Coastal Features and Bays	ESCONDIDO BEACH	DDT	Fish Consumption Advisory for DDT.
337 LA County Coastal Features and Bays	ESCONDIDO BEACH	PCBs	Fish Consumption Advisory for PCBs.
338 LA County Coastal Features and Bays	FLAT ROCK POINT BEACH AREA	Beach Closures	
339 LA County Coastal Features and Bays	FLAT ROCK POINT BEACH AREA	DDT	Fish Consumption Advisory for DDT.
340 LA County Coastal Features and Bays	FLAT ROCK POINT BEACH AREA	PCBs	Fish Consumption Advisory for PCBs.
341 LA County Coastal Features and Bays	HERMOSA BEACH	Beach Closures	
342 LA County Coastal Features and Bays	INSPIRATION POINT BEACH	Beach Closures	
Distance and Days			<u></u>

.

Watershed	WBNAME	Cause / POLL	COMMENTS
343 LA County Coastal Features and Bays	INSPIRATION POINT BEACH	DDT	Fish Consumption Advisory for DDT.
344 LA County Coastal Features and Bays	INSPIRATION POINT BEACH	PCBs	Fish Consumption Advisory for PCBs.
345 LA County Coastal Features and Bays	LA COSTA BEACH	Beach Closures	
346 LA County Coastal Features and Bays	LA COSTA BEACH	DDT	Fish Consumption Advisory for DDT.
347 LA County Coastal Features and Bays	LA COSTA BEACH	PCBs	Fish Consumption Advisory for PCBs.
348 LA County Coastal Features and Bays	LA FISH HARBOR	DDT	
349 LA County Coastal Features and Bays	LA FISH HARBOR	PAHs	
350 LA County Coastal Features and Bays	LA FISH HARBOR	PCBs	
351 LA County Coastal Features and Bays	LA-FISH HARBOR	Tributyltin	
352 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Benthic Comm. Effects	·····
353 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Chlordane	Elevated levels of chlordane in tissue and sediment.
354 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Chromium	Elevated levels of chromium in sediment.
355 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	DDT	Elevated levels of DDT in tissue and sediment. Fish Consumptio
356 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Lead	Elevated levels of lead in sediment.
357 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	PAHs	Elevated levels of PAHs in sediment.
358 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	PCBs	Elevated levels of PCBs in tissue and sediment. Fish Consumpti
359 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Sediment (arsenic)	Lievated levels of PCDs in tissue and sediment. This Consumpti
360 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Sediment (cadmium)	
360 LA County Coastal Features and Bays 361 LA County Coastal Features and Bays			
	LA Harbor Consolidated Slip	Sediment (copper)	
362 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Sediment (mercury)	· · · · · · · · · · · · · · · · · · ·
363 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Sediment (nickel)	
364 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Sediment Toxicity	
365 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Tissue (dieldrin)	
366 LA County Coastal Features and Bays	LA Harbor Consolidated Slip	Tissue (toxaphene)	
367 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Tributyltin	Elevated levels of tributyltin in tissue.
368 LA County Coastal Features and Bays	LA HARBOR CONSOLIDATED SLIP	Zinc	Elevated levels of zinc in tissue and sediment.
369 LA County Coastal Features and Bays	LA HARBOR INNER BREAKWATER	DDT	
370 LA County Coastal Features and Bays	LA HARBOR INNER BREAKWATER	PAHs	
371 LA County Coastal Features and Bays	LA HARBOR INNER BREAKWATER	PCBs	
372 LA County Coastal Features and Bays	LA HARBOR INNER BREAKWATER	Tributyttin	The second se
373 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	Beach Closures	
374 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	Copper	Elevated levels of copper in tissue and sediment.
375 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	DDT	Elevated levels of DDT in tissue and sediment. Fish Consumptio
376 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	PAHs	Elevated levels of PAHs in tissue and sediment.
377 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	PCBs	Elevated levels of PCBs in tissue and sediment. Fish Consumpti
378 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	Sediment Toxicity	Lievaled levels of 1 obs in lissue and sediment. I isn consumpt
379 LA County Coastal Features and Bays	LA HARBOR MAIN CHANNEL	Tributy/tin	Elevated levels of tributyltin in sediment.
			Elevated levels of thought in tissue and sediment.
380 LA County Coastal Features and Bays			
381 LA County Coastal Features and Bays	LA HARBOR SOUTHWEST SLIP		Fish Consumption Advisory for DDT.
382 LA County Coastal Features and Bays	LA HARBOR SOUTHWEST SLIP	PCBs	Fish Consumption Advisory for PCBs.
383 LA County Coastal Features and Bays	LA HARBOR SOUTHWEST SLIP	Sediment Toxicity	
384 LA County Coastal Features and Bays	LAS FLORES BEACH	DDT	Fish Consumption Advisory for DDT.
385 LA County Coastal Features and Bays	LAS FLORES BEACH	High Coliform Count	
386 LA County Coastal Features and Bays	LAS FLORES BEACH	PCBs	Fish Consumption Advisory for PCBs.
387 LA County Coastal Features and Bays	LAS TUNAS BEACH	Beach Closures	
388 LA County Coastal Features and Bays	LAS TUNAS BEACH	DDT	Fish Consumption Advisory for DDT.
389 LA County Coastal Features and Bays	LAS TUNAS BEACH	PCBs	Fish Consumption Advisory for PCBs.
390 LA County Coastal Features and Bays	LEO CARILLO BEACH (SOUTH OF COUNTY LINE)	Beach Closures	
391 LA County Coastal Features and Bays	LEO CARILLO BEACH (SOUTH OF COUNTY LINE)	High Coliform Count	
392 LA County Coastal Features and Bays	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	Benthic Comm. Effects	
393 LA County Coastal Features and Bays	LONG BEACH HARBOR MAIN CHANNEL, SE, W BASIN, PIER J, BREAKWTR	DDT	Elevated levels of DDT in tissue. Fish Consumption Advisory for
394 LA County Coastal Features and Bays	LONG BEACH HARBOR MAIN CHANNEL, SE, W BASIN, PIER J, BREAKWTR	PAHs	Elevated levels of PAHs in sediment.
395 LA County Coastal Features and Bays	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	PCBs	Elevated levels of PCBs in tissue. Fish Consumption Advisory fo
396 LA County Coastal Features and Bays	LONG BEACH HARBOR MAIN CHANNEL, SE,W BASIN, PIER J, BREAKWTR	Sediment Toxicity	
397 LA County Coastal Features and Bays	LONG POINT BEACH	DDT	Fish Consumption Advisory for DDT.
398 LA County Coastal Features and Bays	LONG POINT BEACH	High Coliform Count	
399 LA County Coastal Features and Bays		PCBs	Fish Consumption Advisory for PCBs.
Lass Level County Coastal Features and Days			Than Consumption Advisory IOF PCBS.

401       LA County Coastal Features and Bays       Lo         402       LA County Coastal Features and Bays       LU         403       LA County Coastal Features and Bays       MA         404       LA County Coastal Features and Bays       MA         405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA	25 Cerritos Channel 25 Cerritos Channel 25 Cerritos Channel JNADA BAY BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBUU LAKE ALIBUU LAKE ALIBUU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGON	Sediment (chlordane) Sediment toxicity Beach Closures DDT PCBs Algae Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT Hold Coliform Count PCBs Sediment (PCBs) Beach Closures DDT PCBs	Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.
401       LA County Coastal Features and Bays       Lo         402       LA County Coastal Features and Bays       LU         403       LA County Coastal Features and Bays       MA         404       LA County Coastal Features and Bays       MA         405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA	Dis Cerritos Channel JINADA BAY BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALID VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures         Beach Closures         DDT         PCBs         Algae         Chlordane         Copper         Eutrophic         Org. enrichment/Low D.O.         PCBs         Beach Closures         DDT         Beach Closures         DDT         High Coliform Count         PCBs         Sediment (PCBs)         Beach Closures         DDT	Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.
402       LA County Coastal Features and Bays       LU         403       LA County Coastal Features and Bays       MA         404       LA County Coastal Features and Bays       MA         405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma	ALAGA COVE BEACH ALAGA COVE BEACH ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALID VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures DDT PCBs Algae Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.
403       LA County Coastal Features and Bays       MA         404       LA County Coastal Features and Bays       MA         405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       MI	ALAGA COVE BEACH ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBUU LAKE ALIBUU LAKE ALIBU BACH ALIBU BACCH ALIBU LAGOON BEACH (SURFRIDER) ALIBU CAGON BEACH (SURFRIDER) ALIBU CAGON BEACH (SURFRIDER) ALIBU CAGON BEACH (SURFRIDER) ALIDU CAB CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures DDT PCBs Algae Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.
404       LA County Coastal Features and Bays       MA         405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       MI         419       LA County Coastal Features and Bays       NI0         420       LA County Coastal Features and Bays       NI0	ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIDU CAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	DDT PCBs Algae Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.
405       LA County Coastal Features and Bays       MA         406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       NI0         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0 <td>ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIDU CAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Algae Chlordane Capper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.</td>	ALAGA COVE BEACH ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIDU CAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Algae Chlordane Capper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.         Elevated levels of chlordane in tissue.         Elevated levels of copper in tissue.         Elevated levels of PCBs in tissue.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for DDT.         Fish Consumption Advisory for PCBs.
406       LA County Coastal Features and Bays       MA         407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       MI         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         422       LA County Coastal Features and Bays       NI0 <td>ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU BEACH ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Algae Chlordane Capper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Elevated levels of chlordane in tissue. Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU BEACH ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Algae Chlordane Capper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Elevated levels of chlordane in tissue. Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
407       LA County Coastal Features and Bays       MA         408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       NI0         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         422       LA County Coastal Features and Bays       NI0 <td>ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Chlordane Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
408       LA County Coastal Features and Bays       MA         409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       NI0         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         422       LA County Coastal Features and Bays       NI0         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA <td>ALIBOU LAKE ALIBOU LAKE ALIBUU LAKE ALIBU BACH ALIBU BACH ALIBU BACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBOU LAKE ALIBOU LAKE ALIBUU LAKE ALIBU BACH ALIBU BACH ALIBU BACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Copper Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Elevated levels of copper in tissue. Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
409       LA County Coastal Features and Bays       MA         410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       NI0         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         422       LA County Coastal Features and Bays       NI0         424       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA <td>ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BACH ALIBU BACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBOU LAKE ALIBOU LAKE ALIBU LAKE ALIBU BACH ALIBU BACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Eutrophic Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Elevated levels of PCBs in tissue. Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
410       LA County Coastal Features and Bays       MA         411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       Ma         420       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         421       LA County Coastal Features and Bays       NI0         423       LA County Coastal Features and Bays       NI0         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA <td>ALIBOU LAKE ALIBUU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT</td> <td>Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBOU LAKE ALIBUU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Org. enrichment/Low D.O. PCBs Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
411       LA County Coastal Features and Bays       MA         412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       NIG         420       LA County Coastal Features and Bays       NIG         421       LA County Coastal Features and Bays       NIG         421       LA County Coastal Features and Bays       NIG         423       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA <td>ALIBUU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH</td> <td>PCBs         Beach Closures         DDT         Beach Closures         DDT         High Coliform Count         PCBs         Sediment (PCBs)         Beach Closures         DDT</td> <td>Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.</td>	ALIBUU LAKE ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	PCBs         Beach Closures         DDT         Beach Closures         DDT         High Coliform Count         PCBs         Sediment (PCBs)         Beach Closures         DDT	Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
412       LA County Coastal Features and Bays       MA         413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       Ma         420       LA County Coastal Features and Bays       NIG         420       LA County Coastal Features and Bays       NIG         421       LA County Coastal Features and Bays       NIG         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU BEACH ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for DDT. Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
413       LA County Coastal Features and Bays       MA         414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       MI         420       LA County Coastal Features and Bays       NI         421       LA County Coastal Features and Bays       NI         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU BEACH ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	DDT Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
414       LA County Coastal Features and Bays       MA         415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       MA         419       LA County Coastal Features and Bays       MI         420       LA County Coastal Features and Bays       NII         421       LA County Coastal Features and Bays       NII         422       LA County Coastal Features and Bays       NII         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for DDT. Fish Consumption Advisory for PCBs.
415       LA County Coastal Features and Bays       MA         416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       Ma         420       LA County Coastal Features and Bays       Ni0         420       LA County Coastal Features and Bays       Ni0         421       LA County Coastal Features and Bays       Ni0         422       LA County Coastal Features and Bays       Ni0         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	DDT High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.
416       LA County Coastal Features and Bays       MA         417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       Nil         420       LA County Coastal Features and Bays       Nil         421       LA County Coastal Features and Bays       Nil         422       LA County Coastal Features and Bays       Nil         423       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU LAGOON BEACH (SURFRIDER) ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	High Coliform Count PCBs Sediment (PCBs) Beach Closures DDT	Fish Consumption Advisory for PCBs.
417       LA County Coastal Features and Bays       MA         418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       Ni         420       LA County Coastal Features and Bays       Ni         421       LA County Coastal Features and Bays       Ni         421       LA County Coastal Features and Bays       Ni         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALIBU LAGOON BEACH (SURFRIDER) arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	PCBs Sediment (PCBs) Beach Closures DDT	
418       LA County Coastal Features and Bays       Ma         419       LA County Coastal Features and Bays       Nil         420       LA County Coastal Features and Bays       Nil         421       LA County Coastal Features and Bays       Nil         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	arina del Rey Back Basins ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Sediment (PCBs) Beach Closures DDT	
419       LA County Coastal Features and Bays       NIG         420       LA County Coastal Features and Bays       NIG         421       LA County Coastal Features and Bays       NIG         422       LA County Coastal Features and Bays       NIG         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	Beach Closures DDT	
420       LA County Coastal Features and Bays       NIG         421       LA County Coastal Features and Bays       NIG         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ICHOLAS CANYON BEACH ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	DDT	Fich Concumption Advisory for DDT
421       LA County Coastal Features and Bays       NIG         422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ICHOLAS CANYON BEACH ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH		
422       LA County Coastal Features and Bays       PA         423       LA County Coastal Features and Bays       PA         424       LA County Coastal Features and Bays       PA	ALO VERDE SHORELINE PARK BEACH ALO VERDE SHORELINE PARK BEACH	PLAS	
423         LA County Coastal Features and Bays         PA           424         LA County Coastal Features and Bays         PA	ALO VERDE SHORELINE PARK BEACH		Fish Consumption Advisory for PCBs.
424 LA County Coastal Features and Bays PA		Pathogens	······································
		Pesticides	
425 LA County Coastal Features and Bays PA	ARADISE COVE BEACH	Beach Closures	
	ARADISE COVE BEACH	DDT	Fish Consumption Advisory for DDT.
	ARADISE COVE BEACH	High Coliform Count	
	ARADISE COVE BEACH	PCBs	Fish Consumption Advisory for PCBs.
	OINT DUME BEACH	Beach Closures	
	OINT DUME BEACH	DDT	Fish Consumption Advisory for DDT.
	OINT DUME BEACH	PCBs	Fish Consumption Advisory for PCBs.
	OINT FERMIN PARK BEACH	Beach Closures	
	OINT FERMIN PARK BEACH	DDT	Fish Consumption Advisory for DDT.
	OINT FERMIN PARK BEACH	PCBs	Fish Consumption Advisory for PCBs.
	OINT VICENTE BEACH	Beach Closures	
	ORTUGESE BEND BEACH	Beach Closures	
	ORTUGESE BEND BEACH	DDT	Fish Consumption Advisory for DDT.
	ORTUGESE BEND BEACH	PCBs	Fish Consumption Advisory for PCBs.
	UERCO BEACH	Beach Closures	
	UERCO BEACH	DDT	Fish Consumption Advisory for DDT.
	UERCO BEACH	PCBs	Fish Consumption Advisory for PCBs.
	EDONDO BEACH	Beach Closures	
	EDONDO BEACH	DDT	Fish Consumption Advisory for DDT.
	EDONDO BEACH	High Coliform Count	
	EDONDO BEACH	PCBs	Fish Consumption Advisory for PCBs.
445 LA County Coastal Features and Bays RE	ESORT POINT BEACH	Beach Closures	
446 LA County Coastal Features and Bays RC	OBERT H MEYER MEMORIAL BEACH	Beach Closures	
447 LA County Coastal Features and Bays RC	OBERT H MEYER MEMORIAL BEACH	DDT	Fish Consumption Advisory for DDT.
	OBERT H MEYER MEMORIAL BEACH	PCBs	Fish Consumption Advisory for PCBs.
	OCKY POINT BEACH	Beach Closures	
	OYAL PALMS BEACH	Beach Closures	
	OYAL PALMS BEACH	DDT	Fish Consumption Advisory for DDT.
	OYAL PALMS BEACH	PCBs	Fish Consumption Advisory for PCBs.
	AN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	Chromium	Elevated levels of chromium in sediment.
	AN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	Copper	Elevated levels of copper in sediment.
	AN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	DDT	Elevated levels of DDT in tissue and sediment. Fish Consumption
	AN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	PAHs	Elevated levels of PAHs in sediment.

-

Watershed	WBNAME	Cause / POLL	COMMENTS
457 LA County Coastal Features and Bays	SAN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	PCBs	Fish Consumption Advisory for PCBs.
458 LA County Coastal Features and Bays	SAN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	Sediment Toxicity	
459 LA County Coastal Features and Bays	SAN PEDRO BAY NEARS/OFF SHORE ZONES- CABRILLO PIER AREA	Zinc	Elevated levels of zinc in sediment.
460 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Cadmium	Elevated levels of cadmium in sediment.
461 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Chlordane	Elevated levels of chlordane in sediment.
462 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Copper	Elevated levels of copper in sediment.
463 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	DDT	Elevated levels of DDT in tissue and sediment.
464 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Debris	
465 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Fish Consumption Advisory	
466 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Lead	Elevated levels of lead in tissue and sediment.
467 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Mercury	Elevated levels of mercury in sediment.
468 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Nickel	Elevated levels of nickel in sediment.
469 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	PAHs	Elevated levels of PAHs in sediment.
470 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	PCBs	Elevated levels of PCBs in tissue and sediment.
471 LA County Coastal Features and Bays		Sediment Toxicity	Clausted levels of eitropic tipous
472 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Silver	Elevated levels of silver in tissue.
473 LA County Coastal Features and Bays	SANTA MONICA BAY OFFSHORE AND NEARSHORE	Zinc	Elevated levels of zinc in sediment.
474 LA County Coastal Features and Bays	SANTA MONICA BEACH	Beach Closures	
475 LA County Coastal Features and Bays	SANTA MONICA BEACH	High Coliform Count	
476 LA County Coastal Features and Bays	SEA LEVEL BEACH	Beach Closures	
477 LA County Coastal Features and Bays	SEA LEVEL BEACH	DDT	Fish Consumption Advisory for DDT.
478 LA County Coastal Features and Bays	SEA LEVEL BEACH	PCBs	Fish Consumption Advisory for PCBs.
479 LA County Coastal Features and Bays	TOPANGA BEACH	Beach Closures	
480 LA County Coastal Features and Bays	TOPANGA BEACH	DDT	Fish Consumption Advisory for DDT.
481 LA County Coastal Features and Bays	TOPANGA BEACH	High Coliform Count	
482 LA County Coastal Features and Bays	TOPANGA BEACH	PCBs	Fish Consumption Advisory for PCBs.
483 LA County Coastal Features and Bays	TORRANCE BEACH	Beach Closures	
484 LA County Coastal Features and Bays	TORRANCE BEACH	High Coliform Count	
485 LA County Coastal Features and Bays	TRANCAS BEACH (BROAD BEACH)	Beach Closures	
486 LA County Coastal Features and Bays	TRANCAS BEACH (BROAD BEACH)	DDT	Fish Consumption Advisory for DDT.
487 LA County Coastal Features and Bays	TRANCAS BEACH (BROAD BEACH)	High Coliform Count	
488 LA County Coastal Features and Bays	TRANCAS BEACH (BROAD BEACH)	PCBs	Fish Consumption Advisory for PCBs.
489 LA County Coastal Features and Bays	VENICE BEACH	Beach Closures	
490 LA County Coastal Features and Bays	VENICE BEACH	High Coliform Count	
491 LA County Coastal Features and Bays	WHITES POINT BEACH	Beach Closures	
492 LA County Coastal Features and Bays	WHITES POINT BEACH	DDT	Fish Consumption Advisory for DDT.
493 LA County Coastal Features and Bays	WHITES POINT BEACH	PCBs	Fish Consumption Advisory for PCBs.
494 LA County Coastal Features and Bays	WILL ROGERS BEACH	Beach Closures	
495 LA County Coastal Features and Bays	WILL ROGERS BEACH		· · · · · · · · · · · · · · · · · · ·
496 LA County Coastal Features and Bays		Beach Closures	Figh Consumption Advisory for DDT
497 LA County Coastal Features and Bays		PCBs	Fish Consumption Advisory for DDT.
498 LA County Coastal Features and Bays	ZUMA (WESTWARD BEACH)		Fish Consumption Advisory for PCBs.
499 LA County Coastal Streams	ASHLAND AVENUE DRAIN	High Coliform Count	
500 LA County Coastal Streams	ASHLAND AVENUE DRAIN	Org. enrichment/Low D.O.	
501 LA County Coastal Streams	ASHLAND AVENUE DRAIN	Toxicity	
502 LA County Coastal Streams	COLORADO LAGOON	Chlordane	Elevated levels of chlordane in tissue and sediment.
503 LA County Coastal Streams	COLORADO LAGOON	DDT	Elevated levels of DDT in tissue.
504 LA County Coastal Streams	COLORADO LAGOON	Dieldrin	Elevated levels of dieldrin in tissue.
505 LA County Coastal Streams	COLORADO LAGOON	Lead	Elevated levels of lead in tissue and sediment.
506 LA County Coastal Streams	COLORADO LAGOON	PAHs	Elevated levels of PAHs in sediment.
507 LA County Coastal Streams	COLORADO LAGOON	PCBs	Elevated levels of PCBs in tissue.
508 LA County Coastal Streams	COLORADO LAGOON	Sediment Toxicity	
509 LA County Coastal Streams	COLORADO LAGOON	Zinc	Elevated levels of zinc in sediment.
510 LA County Coastal Streams	LAKE LINDERO	Algae	
511 LA County Coastal Streams		Chloride	
512 LA County Coastal Streams	LAKE LINDERO	Eutrophic	
		,	

Watershed	WBNAME	Cause / POLL	COMMENTS
514 LA County Coastal Streams	LAKE LINDERO	Selenium	Elevated levels of selenium in tissue.
515 LA County Coastal Streams	LAKE LINDERO	Specific conductivity	
516 LA County Coastal Streams	LAKE LINDERO	Trash	
517 LA County Coastal Streams	LAKE SHERWOOD	Algae	
518 LA County Coastal Streams	LAKE SHERWOOD	Ammonia	
519 LA County Coastal Streams	LAKE SHERWOOD	Eutrophic	
520 LA County Coastal Streams	LAKE SHERWOOD	Mercury	Elevated levels of mercury in tissue.
521 LA County Coastal Streams	LAKE SHERWOOD	Org. enrichment/Low D.O.	
522 LA County Coastal Streams	LAS VIRGENES CREEK	High Coliform Count	
523 LA County Coastal Streams	LAS VIRGENES CREEK	Nutrients (Algae)	
524 LA County Coastal Streams	LAS VIRGENES CREEK	Org. enrichment/Low D.O.	
525 LA County Coastal Streams	LAS VIRGENES CREEK	Scum/Foam-unnatural	
526 LA County Coastal Streams	LAS VIRGENES CREEK	Selenium	
527 LA County Coastal Streams	LAS VIRGENES CREEK	Trash	
528 LA County Coastal Streams	LINDERO CREEK REACH 1	Algae	
529 LA County Coastal Streams	LINDERO CREEK REACH 1	High Coliform Count	
530 LA County Coastal Streams	LINDERO CREEK REACH 1	Scum/Foam-unnatural	
531 LA County Coastal Streams	LINDERO CREEK REACH 1	Selenium	
532 LA County Coastal Streams	LINDERO CREEK REACH 1	Trash	
533 LA County Coastal Streams	LINDERO CREEK REACH 2 (ABOVE LAKE)	Algae	
534 LA County Coastal Streams	LINDERO CREEK REACH 2 (ABOVE LAKE)	High Coliform Count	
535 LA County Coastal Streams	LINDERO CREEK REACH 2 (ABOVE LAKE)	Scum/Foam-unnatural	
536 LA County Coastal Streams	LINDERO CREEK REACH 2 (ABOVE LAKE)	Selenium	
537 LA County Coastal Streams	LINDERO CREEK REACH 2 (ABOVE LAKE)	Trash	
538 LA County Coastal Streams	LOS CERRITOS CHANNEL	Ammonia	
539 LA County Coastal Streams	LOS CERRITOS CHANNEL	Copper	······
540 LA County Coastal Streams	LOS CERRITOS CHANNEL	High Coliform Count	
541 LA County Coastal Streams	LOS CERRITOS CHANNEL	Lead	······
542 LA County Coastal Streams	LOS CERRITOS CHANNEL	Zinc	
543 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Algae	
544 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Ammonia	
545 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	ChemA	Elevated levels of chemA pesticides in tissue.
546 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Chlordane	Elevated levels of chlordane in tissue. Fish Consumption Adviso
547 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	DDT	Elevated levels of DDT in tissue. Fish Consumption Advisory for
548 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Dieldrin	Elevated levels of dieldrin in tissue.
549 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Eutrophic	
550 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Odors	
551 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	PCBs	Elevated levels of PCBs in tissue.
552 LA County Coastal Streams	MACHADO LAKE (HARBOR PARK LAKE)	Trash	
553 LA County Coastal Streams	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Algae	
554 LA County Coastal Streams	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	High Coliform Count	
555 LA County Coastal Streams	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Selenium	
556 LA County Coastal Streams	MEDEA CREEK REACH 1 (LAKE TO CONFL. WITH LINDERO)	Trash	
557 LA County Coastal Streams	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Algae	
		High Coliform Count	
558 LA County Coastal Streams	MEDEA CREEK REACH 2 (ABV COFL, WITH LINDERO)		
559 LA County Coastal Streams	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Selenium	
560 LA County Coastal Streams	MEDEA CREEK REACH 2 (ABV COFL. WITH LINDERO)	Trash	
561 LA County Coastal Streams	PALO COMADO CREEK	High Coliform Count	
562 LA County Coastal Streams	PICO KENTER DRAIN	Ammonia	
563 LA County Coastal Streams	PICO KENTER DRAIN	Copper	
564 LA County Coastal Streams	PICO KENTER DRAIN	Enteric Viruses	
565 LA County Coastal Streams	PICO KENTER DRAIN	High Coliform Count	
566 LA County Coastal Streams	PICO KENTER DRAIN	Lead	
567 LA County Coastal Streams	PICO KENTER DRAIN	PAHs	
568 LA County Coastal Streams	PICO KENTER DRAIN	Toxicity	
569 LA County Coastal Streams	PICO KENTER DRAIN	Trash	
570 LA County Coastal Streams	SANTA MONICA CANYON	High Coliform Count	

Watershed	WBNAME	Cause / POLL	COMMENTS	
571 LA County Coastal Streams	SANTA MONICA CANYON	Lead		
572 LA County Coastal Streams	SEPULVEDA CANYON	Ammonia		
573 LA County Coastal Streams	SEPULVEDA CANYON	High Coliform Count		
574 LA County Coastal Streams	SEPULVEDA CANYON	Lead		
575 LA County Coastal Streams	STOKES CREEK	High Coliform Count		
576 LA County Coastal Streams	TOPANGA CANYON CREEK	Lead		
577 LA County Coastal Streams	TORRANCE CARSON CHANNEL	Copper		
578 LA County Coastal Streams	TORRANCE CARSON CHANNEL	High Coliform Count		
579 LA County Coastal Streams	TORRANCE CARSON CHANNEL	Lead		
580 Los Angeles River	ALISO CANYON WASH	Selenium		
581 Los Angeles River	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	Algae		
582 Los Angeles River	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	High Coliform Count		
583 Los Angeles River	ARROYO SECO REACH 1 (LA RIVER TO WEST HOLLY AVE)	Trash		
584 Los Angeles River	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	Algae		
585 Los Angeles River	ARROYO SECO REACH 2 (WEST HOLLY AVE, TO DEVILS GATE DAM)	High Coliform Count		
586 Los Angeles River	ARROYO SECO REACH 2 (WEST HOLLY AVE. TO DEVILS GATE DAM)	Trash		
587 Los Angeles River	BELL CREEK	High Coliform Count		
588 Los Angeles River	BURBANK WESTERN CHANNEL	Algae		
589 Los Angeles River	BURBANK WESTERN CHANNEL	Ammonia		
590 Los Angeles River	BURBANK WESTERN CHANNEL	Cadmium		
591 Los Angeles River	BURBANK WESTERN CHANNEL	Odors		
592 Los Angeles River	BURBANK WESTERN CHANNEL	Scum/Foam-unnatural		
593 Los Angeles River	BURBANK WESTERN CHANNEL	Trash		
594 Los Angeles River	COMPTON CREEK	Copper		
595 Los Angeles River	COMPTON CREEK	High Coliform Count		
596 Los Angeles River	COMPTON CREEK	Lead		_
597 Los Angeles River	COMPTON CREEK	pH		_
598 Los Angeles River	Dry Canyon Creek (LAR R 2)	Fecal Coliform		
599 Los Angeles River	Dry Canyon Creek (LAR R 2)	Selenium, total		_
600 Los Angeles River	ECHO PARK LAKE	Algae		
601 Los Angeles River	ECHO PARK LAKE	Ammonia		_
602 Los Angeles River	ECHO PARK LAKE	Copper		
603 Los Angeles River	ECHO PARK LAKE	Eutrophic		
604 Los Angeles River	ECHO PARK LAKE	Lead		
605 Los Angeles River	ECHO PARK LAKE	Odors		_
606 Los Angeles River	ECHO PARK LAKE	PCBs	Elevated levels of PCBs in tissue.	
607 Los Angeles River	ECHO PARK LAKE	pH		-
608 Los Angeles River	ECHO PARK LAKE	Trash		
609 Los Angeles River	Estuary (Queensway Bay)	Sediment (chlordane)		—
610 Los Angeles River	Estuary (Queensway Bay)	Sediment (DDT)		_
611 Los Angeles River	Estuary (Queensway Bay)	Sediment (lead)		
612 Los Angeles River	Estuary (Queensway Bay)	Sediment (PCBs)		{
613 Los Angeles River	Estuary (Queensway Bay)	Sediment (zinc)	Elevated levels of zinc in sediment.	
614 Los Angeles River	LAKE CALABASAS			
615 Los Angeles River	LAKE CALABASAS	Ammonia		
		Copper DDT	Elevated levels of copper in tissue.	_
616 Los Angeles River	LAKE CALABASAS		Elevated levels of DDT in tissue.	
617 Los Angeles River		Eutrophic		
618 Los Angeles River		Odors Doors		
619 Los Angeles River		Org. enrichment/Low D.O.		
620 Los Angeles River		pH	Phase to all the set of the day	
621 Los Angeles River	LAKE CALABASAS	Zinc	Elevated levels of zinc in tissue.	
622 Los Angeles River		Ammonia		
623 Los Angeles River		Eutrophic		
624 Los Angeles River		Lead		
625 Los Angeles River	LINCOLN PARK LAKE	Odors		
626 Los Angeles River	LINCOLN PARK LAKE	Org. enrichment/Low D.O.		
627 Los Angeles River	LINCOLN PARK LAKE	Trash		

•

Watershed	WBNAME	Cause / POLL	COMMENTS
628 Los Angeles River	Los Angeles River - Reach 1	Aluminum, total	
629 Los Angeles River	Los Angeles River - Reach 1	Cadmium, dissolved	
630 Los Angeles River	Los Angeles River - Reach 1	Copper, dissolved	
631 Los Angeles River	Los Angeles River - Reach 1	Zinc, dissolved	
632 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Ammonia	
633 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	High Coliform Count	
634 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Lead	
635 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Nutrients (Algae)	
636 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	рН	
637 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Scum/Foam-unnatural	
638 Los Angeles River	LOS ANGELES RIVER REACH 1 (ESTUARY TO CARSON STREET)	Trash	
639 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Ammonia	
640 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	High Coliform Count	
641 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Lead	
642 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Nutrients (Algae)	
643 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Odors	
644 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Oi	
645 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Scum/Foam-unnatural	
646 Los Angeles River	LOS ANGELES RIVER REACH 2 (CARSON TO FIGUEROA STREET)	Trash	
647 Los Angeles River	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Ammonia	
648 Los Angeles River	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Nutrients (Algae)	
649 Los Angeles River	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Odors	•
650 Los Angeles River	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Scum/Foam-unnatural	
651 Los Angeles River	LOS ANGELES RIVER REACH 3 (FIGUEROA ST TO RIVERSIDE DR.)	Trash	
652 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Ammonia	
653 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	High Coliform Count	
654 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Lead	
655 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Nutrients (Algae)	
656 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Odors	
657 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Scum/Foam-unnatural	
658 Los Angeles River	LOS ANGELES RIVER REACH 4 (SEPUVEDA DR. TO SEPULVEDA DAM)	Trash	
659 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Ammonia	
660 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	ChemA	
661 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Chlorpyrifos	Elevated levels of chlorpyrifos in tissue.
662 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Nutrients (Algae)	
663 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Odors	
664 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Oil	
665 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Scum/Foam-unnatural	
666 Los Angeles River	LOS ANGELES RIVER REACH 5 (AT SEPULVEDA BASIN)	Trash	
667 Los Angeles River	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Dichloroethylene/1,1-DCE	
668 Los Angeles River	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	High Coliform Count	
669 Los Angeles River	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Tetrachloroethylene/PCE	
670 Los Angeles River	LOS ANGELES RIVER REACH 6 (ABOVE SEPULVEDA FLD CNTRL BASIN)	Trichloroethylene/TCE	
671 Los Angeles River	McCoy Canyon Creek (LAR R 2)	Fecal Coliform	
672 Los Angeles River	McCoy Canyon Creek (LAR R 2)	Nitrate	
673 Los Angeles River	McCoy Canyon Creek (LAR R 2)	Selenium, total	
674 Los Angeles River	MONROVIA CANYON CREEK	Lead	
675 Los Angeles River	PECK ROAD PARK LAKE	Chlordane	Elevated levels of chlordane in tissue.
676 Los Angeles River	PECK ROAD PARK LAKE	DDT	Elevated levels of DDT in tissue.
677 Los Angeles River	PECK ROAD PARK LAKE	Lead	
678 Los Angeles River	PECK ROAD PARK LAKE	Odors	
679 Los Angeles River	PECK ROAD PARK LAKE	Org. enrichment/Low D.O.	
680 Los Angeles River	PECK ROAD PARK LAKE	Trash	
681 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Ammonia	
682 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Copper	
683 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	High Coliform Count	
684 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Lead	

 $\mathcal{F}_{\mathcal{A}}$ 

Watershed	WBNAME	Cause / POLL	COMMENTS
685 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	pH	
686 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Trash	
687 Los Angeles River	RIO HONDO REACH 1 (CONFL. LA RIVER TO SNT ANA FWY)	Zinc	
688 Los Angeles River	RIO HONDO REACH 2 (AT SPREADING GROUNDS)	Ammonia	
689 Los Angeles River	RIO HONDO REACH 2 (AT SPREADING GROUNDS)	High Coliform Count	
690 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Ammonia	
691 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Copper	
692 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	High Coliform Count	
693 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Odors	
694 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Scum/Foam-unnatural	
695 Los Angeles River	TUJUNGA WASH (LA RIVER TO HANSEN DAM)	Trash	
696 Los Angeles River	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	Algae	
697 Los Angeles River	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	High Coliform Count	
698 Los Angeles River	VERDUGO WASH REACH 1 (LA RIVER TO VERDUGO RD.)	Trash	
699 Los Angeles River	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	Algae	
700 Los Angeles River	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	High Coliform Count	
701 Los Angeles River	VERDUGO WASH REACH 2 (ABOVE VERDUGO ROAD)	Trash	
702 Malibu Creek	Cold Creek (Coray Way to Malibu Creek)	Algae	
703 Malibu Creek	Malibu Ck, Las Virgenes Ck, Triunfo Ck, Medea Ck	Sedimentation	
704 Malibu Creek	Malibu Creek	Selenium, total	
705 Malibu Creek	TRIUNFO CANYON CREEK REACH 1	Lead	
706 Malibu Creek	TRIUNFO CANYON CREEK REACH 1	Mercury	
707 Malibu Creek	TRIUNFO CANYON CREEK REACH 2	Lead	
708 Malibu Creek	TRIUNFO CANYON CREEK REACH 2	Mercury	
709 Malibu Creek	WESTLAKE LAKE	Algae	
710 Malibu Creek	WESTLAKE LAKE	Ammonia	
711 Malibu Creek	WESTLAKE LAKE	Chlordane	Elevated levels of chlordane in tissue.
712 Malibu Creek	WESTLAKE LAKE	Соррег	Elevated levels of copper in tissue.
713 Malibu Creek	WESTLAKE LAKE	Eutrophic	
714 Malibu Creek	WESTLAKE LAKE	Lead	
715 Malibu Creek	WESTLAKE LAKE	Org. enrichment/Low D.O.	
716 Misc. Ventura Coastal	VENTURA HARBOR: VENTURA KEYES	High Coliform Count	
717 San Gabriel River	COYOTE CREEK	Abnormal Fish Histology	
718 San Gabriel River	COYOTE CREEK	Algae	
719 San Gabriel River	Coyote Creek	Aluminum, total	
720 San Gabriel River	COYOTE CREEK	Ammonia	
721 San Gabriel River	Coyote Creek	Copper, dissolved	
722 San Gabriel River	COYOTE CREEK	High Coliform Count	
723 San Gabriel River	Coyote Creek	Lead, dissolved	
724 San Gabriel River	Covote Creek	Selenium, total	
725 San Gabriel River	COYOTE CREEK	Silver	Elevated levels of silver in tissue.
726 San Gabriel River	Coyote Creek	Zinc, dissolved	
727 San Gabriel River	CRYSTAL LAKE	Org. enrichment/Low D.O.	
728 San Gabriel River	EL DORADO LAKES	Algae	
729 San Gabriel River	EL DORADO LAKES	Ammonia	
730 San Gabriel River	EL DORADO LAKES	Copper	
731 San Gabriel River	EL DORADO LAKES	Eutrophic	
732 San Gabriel River	EL DORADO LAKES	Lead	
733 San Gabriel River	EL DORADO LAKES	Mercury	Elevated levels of mercury in tissue.
734 San Gabriel River	EL DORADO LAKES	pH	
735 San Gabriel River	LEGG LAKE	Ammonia	
736 San Gabriel River		Copper	
737 San Gabriel River	LEGGLAKE	Lead	
738 San Gabriel River	LEGG LAKE	Odors	
739 San Gabriel River		pH	
739 San Gabriel River		Trash	
740 San Gabriel River 741 San Gabriel River	PUDDINGSTONE RESERVOIR	Chlordane	Elevated levels of chlordane in tissue
		Ionioruane	Elevated levels of chlordane in tissue.

Watershed	WBNAME	Cause / POLL	COMMENTS
742 San Gabriel River	PUDDINGSTONE RESERVOIR	DDT	Elevated levels of DDT in tissue.
743 San Gabriel River	PUDDINGSTONE RESERVOIR	Mercury	Elevated levels of mercury in tissue.
744 San Gabriel River	PUDDINGSTONE RESERVOIR	Org. enrichment/Low D.O.	
745 San Gabriel River	PUDDINGSTONE RESERVOIR	PCBs	Elevated levels of PCBs in tissue.
746 San Gabriel River	Reach 1	Nitrite as N	
747 San Gabriel River	Reach 2	Copper, dissolved	
748 San Gabriel River	Reach 2	Zinc, dissolved	
749 San Gabriel River	SAN GABRIEL RIVER EAST FORK	Trash	
750 San Gabriel River	SAN GABRIEL RIVER ESTUARY	Abnormal Fish Histology	
751 San Gabriel River	San Gabriel River Estuary	Ammonia as Nitrogen	
752 San Gabriel River	SAN GABRIEL RIVER ESTUARY	Arsenic	Elevated levels of arsenic in tissue.
753 San Gabriel River	San Gabriel River Estuary	Trash	
754 San Gabriel River	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Abnormal Fish Histology	
755 San Gabriel River	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Algae	
756 San Gabriel River	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Ammonia	
757 San Gabriel River	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	High Coliform Count	
758 San Gabriel River	SAN GABRIEL RIVER REACH 1 (ESTUARY TO FIRESTONE)	Toxicity	
759 San Gabriel River	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	Ammonia	
760 San Gabriel River	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	High Coliform Count	
761 San Gabriel River	SAN GABRIEL RIVER REACH 2 (FIRESTONE TO WHITTIER NARROWS DAM	Lead	
762 San Gabriel River	SAN GABRIEL RIVER REACH 3 (WHITTIER NARROWS TO RAMONA)	Toxicity	
763 San Gabriel River	San Jose Creek	pH	
764 San Gabriel River	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	Algae	
765 San Gabriel River	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	Ammonia	
766 San Gabriel River	SAN JOSE CREEK REACH 1 (SG CONFL. TO TEMPLE STREET)	High Coliform Count	
767 San Gabriel River	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	Algae	
768 San Gabriel River	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	Ammonia	
769 San Gabriel River	SAN JOSE CREEK REACH 2 (TEMPLE TO I-10 AT WHITE AVE.)	High Coliform Count	
770 San Gabriel River	SANTA FE DAM PARK LAKE	Copper	
771 San Gabriel River	SANTA FE DAM PARK LAKE	Lead	· · · · · · · · · · · · · · · · · · ·
772 San Gabriel River	SANTA FE DAM PARK LAKE	pH	
773 San Gabriel River	WALNUT CREEK WASH (DRAINS FROM PUDDINGSTONE RESERVOIR	PH	
774 San Gabriel River	WALNUT CREEK WASH (DRAINS FROM PUDDINGSTONE RESERVOIR	Toxicity	
775 Santa Clara River	BROWN BARRANCA / LONG CANYON	Nitrate and Nitrite	
776 Santa Clara River	ELIZABETH LAKE	Eutrophic	
777 Santa Clara River	ELIZABETH LAKE	Org. enrichment/Low D.O.	
778 Santa Clara River	ELIZABETH LAKE	pH	
779 Santa Clara River	ELIZABETH LAKE	Trash	
780 Santa Clara River	Hopper Creek	Sulfate	·····
781 Santa Clara River	Hopper Creek	TDS	
782 Santa Clara River	LAKE HUGHES	Algae	
783 Santa Clara River	LAKE HUGHES	Eutrophic	
784 Santa Clara River	LAKE HUGHES	Fish Kills	
785 Santa Clara River	LAKE HUGHES	Odors	and and a shake to a second
786 Santa Clara River	LAKE HUGHES	Trash	
787 Santa Clara River	MINT CANYON CREEK REACH 1 (CONFL TO ROWLER CYN)	Nitrate and Nitrite	
788 Santa Clara River	MUNZ LAKE		
789 Santa Clara River	MUNZ LAKE	Trash	
790 Santa Clara River	Piru Creek	pH	
791 Santa Clara River	Pole Creek	Sulfate	
792 Santa Clara River	Pole Creek	TDS	
793 Santa Clara River	Reach 3	Nitrite as N	
793 Santa Clara River	Reach 3	Nitrite+Nitrate as N	
795 Santa Clara River	Reach 3	TDS	
795 Santa Clara River	SANTA CLARA RIVER ESTUARY	ChemA	
796 Santa Clara River 797 Santa Clara River	SANTA CLARA RIVER ESTUARY	High Coliform Count	
798 Santa Clara River	SANTA CLARA RIVER ESTUARY	Toxaphene	
	IDANTA ULARA RIVER EDI UART	roxaphene	

Watershed	WBNAME	Cause / POLL	COMMENTS
799 Santa Clara River	SANTA CLARA RIVER ESTUARY BEACH/SURFERS KNOLL	High Coliform Count	
800 Santa Clara River	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	Ammonia	
801 Santa Clara River	SANTA CLARA RIVER REACH 3 (DAM TO ABV SP CRK/BLW TIMBER CYN)	Chloride	
802 Santa Clara River	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Ammonia	
803 Santa Clara River	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Chloride	Chloride was relisted by USEPA
804 Santa Clara River	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	High Coliform Count	
805 Santa Clara River	SANTA CLARA RIVER REACH 7 (BLUE CUT TO WEST PIER HWY 99)	Nitrate and Nitrite	
806 Santa Clara River	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Ammonia	
807 Santa Clara River	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Chloride	Chloride was relisted by USEPA.
808 Santa Clara River	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	High Coliform Count	
809 Santa Clara River	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Nitrate and Nitrite	
810 Santa Clara River	SANTA CLARA RIVER REACH 8-W PIER HY 99 TO BOUQUET CYN RD BRG	Org. enrichment/Low D.O.	
811 Santa Clara River	SANTA CLARA RIVER REACH 9 (BOUQUET CYN RD. TO ABV LANG GAGNG)	High Coliform Count	
812 Santa Clara River	Sespe Creek	Chloride	
813 Santa Clara River	Sespe Creek	pH	
814 Santa Clara River	Todd Barranca	Sulfate	
815 Santa Clara River	Todd Barranca	TDS	
816 Santa Clara River	TORREY CANYON CREEK	Nitrate and Nitrite	
817 Santa Clara River	WHEELER CANYON / TODD BARRANCA	Nitrate and Nitrite	
818 Ventura County Coastal Features and Bays	CHANNEL ISLANDS HARBOR	Lead	Elevated levels of lead in sediment.
819 Ventura County Coastal Features and Bays	CHANNEL ISLANDS HARBOR	Zinc	Elevated levels of zinc in sediment.
820 Ventura County Coastal Features and Bays	Channel Islands Harbor Beach & Hobie Beach	Fecal Coliform	
821 Ventura County Coastal Features and Bays	MANDALAY BEACH	Beach Closures	
822 Ventura County Coastal Features and Bays	MCGRATH BEACH	Beach Closures	
823 Ventura County Coastal Features and Bays	MCGRATH BEACH	High Coliform Count	
824 Ventura County Coastal Features and Bays	Ormond Beach (Industrial Drain - #43000)	Beach postings	
825 Ventura County Coastal Features and Bays	Peninsula Beach (#23000)	Beach postings	
826 Ventura County Coastal Features and Bays	PORT HUENEME HARBOR (BACK BASINS)	DDT	Elevated levels of DDT in tissue.
827 Ventura County Coastal Features and Bays	PORT HUENEME HARBOR (BACK BASINS)	PAHs	Elevated levels of PAHs in sediment.
828 Ventura County Coastal Features and Bays	PORT HUENEME HARBOR (BACK BASINS)	PCBs	Elevated levels of PCBs in tissue.
829 Ventura County Coastal Features and Bays	PORT HUENEME HARBOR (BACK BASINS)	Tributyllin	Elevated levels of tributy/tin in tissue.
830 Ventura County Coastal Features and Bays	PORT HUENEME HARBOR (BACK BASINS)	Zinc	Elevated levels of zinc in tissue.
831 Ventura County Coastal Features and Bays	Rincon Beach (Creek mouth - #1000)	Beach postings	
832 Ventura County Coastal Features and Bays	Rincon Beach (Flagpole - #1050)	Beach postings	
833 Ventura County Coastal Features and Bays	Seaside Park	Total Coliform	
834 Ventura County Coastal Features and Bays	Surfer's Point ("Stables" - #13000)	Beach postings	
835 Ventura County Coastal Streams	McGrath Lake (Estuary)	Benthic community degradation	
836 Ventura County Coastal Streams	MCGRATH LAKE (ESTUARY)	Chlordane	Elevated levels of chlordane in sediment.
837 Ventura County Coastal Streams	MCGRATH LAKE (ESTUARY)	DDT	Elevated levels of DDT in sediment.
838 Ventura County Coastal Streams	McGrath Lake (Estuary)	Fecal Coliform	
839 Ventura County Coastal Streams	MCGRATH LAKE (ESTUARY)	Pesticides	Elevated levels of pesticides (total) in sediment.
840 Ventura County Coastal Streams	McGrath Lake (Estuary)	Sediment (dieldrin)	
841 Ventura County Coastal Streams	McGrath Lake (Estuary)	Sediment (PCBs)	
842 Ventura County Coastal Streams	MCGRATH LAKE (ESTUARY)	Sediment Toxicity	
843 Ventura County Coastal Streams	McGrath Lake Ag Drain	Benthic community degradation	
844 Ventura County Coastal Streams	McGrath Lake Ag Drain	Sediment (chlordane)	
845 Ventura County Coastal Streams	McGrath Lake Ag Drain	Sediment (DDT)	
846 Ventura County Coastal Streams	McGrath Lake Ag Drain	Sediment (dieldrin)	
847 Ventura County Coastal Streams	McGrath Lake Ag Drain	Sediment toxicity	
848 Ventura County Coastal Streams	Rincon Creek	Fecal Coliform	
849 Ventura River	Canada Larga	Dissolved Oxygen	
850 Ventura River	Canada Larga	Fecal Coliform (E. coli)	
851 Ventura River	MATILIJA CREEK REACH 1 (JCT. WITH N. FORK TO RESERVOIR)	Fish barriers	
852 Ventura River	MATILIJA CREEK REACH 2 (ABOVE RESERVOIR)	Fish barriers	
853 Ventura River	MATILIJA RESERVOIR	Fish barriers	
854 Ventura River	San Antonio Creek (Tributary to Reach 4)	Total Nitrogen	
855 Ventura River	VENTURA RIVER ESTUARY	Algae	

.

Watershed	WBNAME	Cause / POLL	COMMENTS	
856 Ventura River	VENTURA RIVER ESTUARY	DDT	Elevated levels of DDT in tissue.	
857 Ventura River	VENTURA RIVER ESTUARY	Eutrophic		
858 Ventura River	Ventura River Estuary	Fecal Coliform		
859 Ventura River	Ventura River Estuary	Total Coliform		
860 Ventura River	VENTURA RIVER ESTUARY	Trash		
861 Ventura River	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Algae		
862 Ventura River	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Copper	Elevated levels of copper in tissue.	
863 Ventura-River	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Silver	Elevated levels of silver in tissue.	
864 Ventura River	VENTURA RIVER REACH 1 (ESTUARY TO MAIN STREET)	Zinc	Elevated levels of zinc in tissue.	
865 Ventura River	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Algae		
866 Ventura River	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Copper	Elevated levels of copper in tissue.	
867 Ventura River	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Selenium	Elevated levels of selenium in tissue.	
868 Ventura River	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Silver	Elevated levels of silver in tissue.	
869 Ventura River	VENTURA RIVER REACH 2 (MAIN ST. TO WELDON CANYON)	Zinc	Elevated levels of zinc in tissue.	•
870 Ventura River	VENTURA RIVER REACH 3 (WELDON CANYON TO CONFL. W/ COYOTE CR)	Pumping		,
871 Ventura River	VENTURA RIVER REACH 3 (WELDON CANYON TO CONFL. W/ COYOTE CR)	Water Diversion		
872 Ventura River	VENTURA RIVER REACH 4 (COYOTE CREEK TO CAMINO CIELO RD.	Pumping		
873 Ventura River	VENTURA RIVER REACH 4 (COYOTE CREEK TO CAMINO CIELO RD.	Water Diversion		

.

•