

STAFF REPORT  
VOLUME II

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

WATER BODY FACT SHEETS SUPPORTING  
THE SECTION 303(d) RECOMMENDATIONS



APRIL 2002

**DRAFT**

DIVISION OF WATER QUALITY  
**STATE WATER RESOURCES CONTROL BOARD**  
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY

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April 2, 2002  
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Staff Report by the  
Division of Water Quality  
State Water Resources Control Board

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

***Water Body Fact Sheets Supporting the Section 303(d) Recommendations***

***Volume II***

This Staff Report supporting the revision of the Clean Water Act Section 303(d) list of water quality limited segments has three parts: (1) Volume I which contains the listing methodology and a summary of the proposed additions, deletions, changes, and priorities; (2) Volume II which contains summaries of the proposals for the North Coast, San Francisco Bay, Central Coast, and Los Angeles Regional Water Quality Control Boards (RWQCBs); and (3) Volume III which contains summaries of the proposals for the Central Valley, Lahontan, Colorado River Basin, Santa Ana, and San Diego RWQCBs. Each proposal is presented in a water body fact sheet.

This document is Volume II of the Staff Report. Proposed changes to the Section 303(d) list are included for the following RWQCBs:

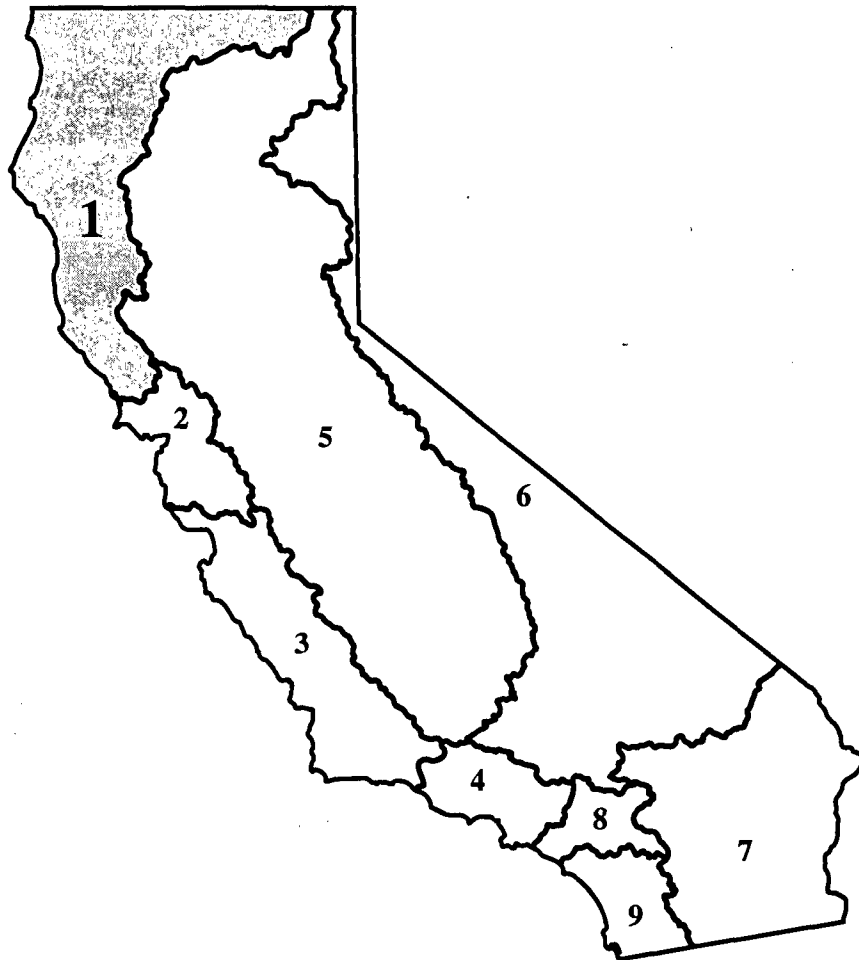
- North Coast (Region 1)
- San Francisco Bay (Region 2)
- Central Coast (Region 3)
- Los Angeles (Region 4)

Each RWQCB section in this volume is divided into the following parts:

- Recommended Changes to the Section 303(d) list
- Water Body Fact Sheets for each proposal
- Reference list of the data and information used

# Regional Water Quality Control Board

## NORTH COAST REGION (1)



SECTION 303 (d) LIST PROPOSALS

## Region 1 Summary of Recommendations

| Water Body    | Pollutant/Medium<br>/Beneficial Use | RWQCB<br>Recommendation  | SWRCB<br>Recommendation   |
|---------------|-------------------------------------|--|---|
| Russian River | Pathogens/REC-1                     | List   | List: List for Pathogens. Data has shown these water bodies have exceeded the WQO for pathogens. Monte Rio area from the confluence of Dutch Bill Creek to the confluence of Fife creek. Also Healdsburg Memorial Beach from the Highway 101 crossing to the railroad crossing upstream of the beach. |
| Gualala River | Temperature/Aquatic Life            | Watch List :The Regional Board feels there is insufficient information existing to list. The Maximum Weekly Average Temperature (MWAT) and the Maximum Weekly Maximum Temperature (MWMT) values for the Gualala River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds - Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. | Watch List: Place Gualala River on the Watch List.  |

| <b>Water Body</b> | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>   |
|-------------------|---|--|---|
| Big River         | Temperature/Water/Aquatic Life              | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Big River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature.      | Watch List: Place Big River on the Watch List.  |
| Ten Mile River    | Temperature/Water/Aquatic Life              | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Ten Mile River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. | Watch List: Place Ten Mile River on the Watch List.   |
| Jacoby Creek      | Sediment/Aquatic Life                       | List   | List: List for Sediment. Based on the review of available information the Beneficial Uses of Jacoby Creek are impacted due to sedimentation. The data have exceeded the criteria (Published Sedimentation Thresholds-Peer Reviewed Literature), used to translate the narrative Basin Plan Water Quality Objectives for sediment. |

| Water Body           | Pollutant/Medium /Beneficial Use | RWQCB Recommendation   | SWRCB Recommendation   |
|----------------------|----------------------------------|--|--|
| Mad River            | Temperature/Water/Aquatic Life   | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Mad River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature.      | Watch List: Place Mad River on the Watch List.   |
| Redwood Creek        | Temperature/Water/Aquatic Life   | Watch List :The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Ten Mile River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. | Watch List: Place Redwood Creek on the Watch List.   |
| Santa Rosa Creek     | Pathogens/Water/REC-1            | List   | List: List based on their pathogen data exceedance using the DHS Guidance. A Swimming Advisory for this waterbody is in effect, based on the use of this Draft CA. DHS Guidance for Fresh Water Beaches, impacting the Beneficial Use. Note: There was not enough data to show exceedances of REC-1 WQO- Bacteria. |
| Laguna de Santa Rosa | Nutrients/Water/Aquatic Life     | List   | List : List for Nutrients (Phosphorus and Nitrogen). Data have shown that the WQO linked to nutrients is being exceeded.   |

| Water Body                          | Pollutant/Medium<br>/Beneficial Use    | RWQCB<br>Recommendation  | SWRCB<br>Recommendation   |
|-------------------------------------|--|--|---|
| Laguna de Santa Rosa                | Dissolved<br>Oxygen/Water/Aquatic Life | List   | List : List for Dissolved oxygen. The data have shown that the WQO is not being met. Note: A TMDL was completed for Dissolved Oxygen once before and it has been shown that it did not work. When the TMDL was completed the water body was removed from the 303(d) List. Now it must be listed again.  |
| Stemple Creek/Estero de San Antonio | Sediment/Water/Aquatic Life            | List   | List: List for Sediment. A TMDL was approved in 1997 for this Watershed and Sediment was inadvertently not included as a stressor in the original 303(d) List and it should have been. All the elements for sediment are addressed in the 1997 TMDL, but Sediment wasn't listed as a stressor whereas nutrients were. RB wants to amend the 303(d) list to include Sediment so that the TMDL can be completed. The data have exceeded the criteria, (Published Sedimentation Thresholds- Peer Reviewed Literature), used to translate the narrative Basin Plan Water Quality Objectives for Sediment. |
| Russian River                       | Temperature/Water/Aquatic Life         | List: The MWAT/MWMT values for the Russian River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds- Peer Reviewed Literature ) that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. | Watch List: The Regional Board staff wish to list this water body for temperature and put the other 5 rivers impaired for temperature on the Watch List . To be consistent with these RB recommendations, the Russian River should be placed on the Watch List. The amounts and kinds of data are the same for all six rivers.  |



| Water Body  | Pollutant/Medium<br>/Beneficial Use | RWQCB<br>Recommendation | SWRCB<br>Recommendation   |
|---|-------------------------------------|-------------------------|---|
| Tule Lake and the Lower Klamath National<br>Wildlife Refuge | pH/Water/Aquatic Life               | List                    | List: List for pH for the portions of<br>Tule Lake and Lower Klamath Lake<br>National Wildlife Refuge in CA. Data<br>has shown that the pH values exceeded<br>the WQO for pH. |

## Region 1

### Russian River

|  |   |
|--|---|
| <b>Water Body</b>  | Russian River   |
| <b>Stressor/Media/Beneficial Use</b>   | Pathogens/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Pathogens/Bacteria (i.e. Fecal coliform) to REC-1 Beneficial Use.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives.  |
| <b>Water Body-specific Information</b>   | Data = 15 Years (1987-2001), Data measured at site, Species or indicator present at site, Environmental conditions considered at sites.   |
| <b>Data used to assess water quality</b>                                       | Bacterial Data : 72% of the fecal coliform data from 1986-1994 at Healdsburg Memorial Beach exceed the WQO. 75% of the fecal coliform data from 1992-1994 at Monte Rio beach exceed the WQO.  |
| <b>Spatial representation</b>  | Healdsburg Memorial Beach and Monte Rio Beach areas, sample sites unknown.  |
| <b>Temporal representation</b>   | All of the Samples were collected in the summer months.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List: List for Pathogens. Data has shown these water bodies have exceeded the WQO for pathogens. Monte Rio area from the confluence of Dutch Bill Creek to the confluence of Fife creek. Also Healdsburg Memorial Beach from the Highway 101 crossing to the railroad crossing upstream of the beach. |

## Region 1

### Gualala River

|  |   |
|--|---|
| <b>Water Body</b>  | Gualala River   |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Maximum Weekly Average Temperature (MWAT) linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.   |
| <b>Water Body-specific Information</b>   | Data = 6 Years (1994-2000), Data measured at site, Species or indicator present at site, Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | MWAT values exceeded criteria for sub-lethal effects (10 to 20% reduced growth) in the watershed at all or most locations. Maximum temperatures in one year at 15 locations was higher than 24 Degrees = Lethal.  |
| <b>Spatial representation</b>  | 62 Locations over the 300 square mile area in the Gualala River Watershed   |
| <b>Temporal representation</b>   | Data collected over 6 Years, with at least two years at 27 locations.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Watch List :The Regional Board feels there is insufficient information existing to list. The Maximum Weekly Average Temperature (MWAT) and the Maximum Weekly Maximum Temperature (MWMT) values for the Gualala River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. |
| <b>SWRCB Staff Recommendation</b>  | Watch List: Place Gualala River on the Watch List.  |

## Region 1

### Big River

|  |  |
|--|--|
| <b>Water Body</b>  | Big River  |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MWAT linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.  |
| <b>Water Body-specific Information</b>   | Data = 4 years (96-2000) , Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data show that 29 out of 34 locations exceed the criterion of Sullivan, 2000= 14.8 degrees. But 23 locations had MWAT values exceeded for sub-lethal effects (10 and 20 % reduced growth) None of the sites exceeded the 24 degree lethal criteria. 19 locations MWAT values exceeded the MWAT criteria (17 Degrees) for sub-lethal effects (10 % reduced growth). MWAT values at 4 locations exceeded the available MWAT criteria for sub-lethal effects(20% reduced growth). |
| <b>Spatial representation</b>  | 34 Locations over the 200 sq. mile area in the Big River watershed.  |
| <b>Temporal representation</b>   | Data was collected over 4 years (96-2000), with at least two years of record at 15 locations   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Big River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature.  |
| <b>SWRCB Staff Recommendation</b>  | Watch List: Place Big River on the Watch List.   |

## Region 1

### Ten Mile River

|  |  |
|--|--|
| <b>Water Body</b>  | Ten Mile River   |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MWAT linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.  |
| <b>Water Body-specific Information</b>   | Data = 7 years (93-2000), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Maximum recorded temperatures did not exceed 24 degrees at any of the locations...31 out of the 37 locations exceeded the 14.8 criteria (Sullivan 2000). MWAT values at 17 locations exceeded the 17 degree MWAT criteria for sub-lethal effects (10 % reduced growth) MWAT values at 3 of the locations exceeded the MWAT criteria for sub-lethal (20% reduced growth). |
| <b>Spatial representation</b>  | Data were available from 37 locations.   |
| <b>Temporal representation</b>   | 2 years of data were available for all of the 37 locations with the exception of 3 of them. 5 years of data were available from 26 locations.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Ten Mile River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region I for Temperature.                   |
| <b>SWRCB Staff Recommendation</b>  | Watch List: Place Ten Mile River on the Watch List.  |

## Region 1

### Jacoby Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Jacoby Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight and a QA Plan was submitted as a reference.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Turbidity linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality objectives for Sediment, settleable material and turbidity. Published Sedimentation Thresholds- Peer Reviewed Literature.  |
| <b>Water Body-specific Information</b>   | Data = 10 Years (1992-2001). Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Turbidity levels throughout the watershed from 1992- 2001, are recorded at levels detrimental to salmonids. Up to 1.6 feet of aggradation from 1992 to 2001 based on cross section surveys.   |
| <b>Spatial representation</b>  | Targeted Sites, 10 along the creek  |
| <b>Temporal representation</b>   | Data collected over 10 years in 1992- 2001.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Protocol/QAPP developed by Salmon Forever using EPA and USGS standard methods.  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List: List for Sediment. Based on the review of available information the Beneficial Uses of Jacoby Creek are impacted due to sedimentation. The data have exceeded the criteria (Published Sedimentation Thresholds-Peer Reviewed Literature), used to translate the narrative Basin Plan Water Quality Objectives for sediment. |

## Region 1

### Mad River

|  |   |
|--|---|
| <b>Water Body</b>  | Mad River   |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MWAT linked to Aquatic Life Beneficial Use.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.   |
| <b>Water Body-specific Information</b>   | Data = 4 years (97-2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | MWAT values at all 11 locations exceeded 20 degrees and are higher than the criteria for sub-lethal effects (10 to 20% reduced growth). Maximum temperatures at most of the 11 locations were higher than 24 Degrees (= Lethal) in most years.  |
| <b>Spatial representation</b>  | Targeted 11 sites along the 503 sq. miles of the creek  |
| <b>Temporal representation</b>   | Data collected over 4 years. Data was available from 11 locations, with at least 2 years of record at most locations.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Monitoring was conducted as part of the permitting process from 1997-2000)  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Watch List: The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Mad River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature. |
| <b>SWRCB Staff Recommendation</b>  | Watch List: Place Mad River on the Watch List.  |

## Region 1

### Redwood Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Redwood Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MWAT linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.  |
| <b>Water Body-specific Information</b>   | Data = 7 years (94-2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | MWAT values at 23 of the 31 locations exceeded criteria (Sullivan2000) for 14.8 degrees C. 10 locations exceeded the criteria sub-lethal effects (10% reduced growth) 17 degrees C. 5 locations in the estuary, 3 locations in the mainstem, and 1 on Lacks Creek exceeded the criteria available for (20% reduced growth) sub-lethal effects. Maximum temperatures at 6 locations were higher than 24 Degrees Celsius (= Lethal). |
| <b>Spatial representation</b>  | Targeted sites 31 locations over the 294 sq. miles of the creek  |
| <b>Temporal representation</b>   | Data was collected over 7 years (94-2001), with at least two years of record at 20 locations   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | USGS sampling  |
| <b>Potential Source(s) of Pollutant</b>  | Landslides in the Redwood Creek Watershed/Floods/Erosion of decommissioned roads.  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Watch List :The Regional Board feels there is insufficient information existing to list. The MWAT/MWMT values for the Ten Mile River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds -Peer Reviewed Literature), that were used to translate the narrative Water Quality Objective for Region 1 for Temperature.   |
| <b>SWRCB Staff Recommendation</b>  | Watch List: Place Redwood Creek on the Watch List.   |



## Region 1

### Santa Rosa Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Rosa Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Pathogens/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Pathogens/Bacteria (i.e. E. coli.) linked to REC-1 Beneficial Use.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CA. Draft DHS Guidance for Freshwater Beaches, Swimming Advisory Posting   |
| <b>Water Body-specific Information</b>   | Data = 1-23 Years (1979/1980 and 2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Bacterial Data n=38, 19 exceeding draft DHS Guidance standards NOT enough data to show exceedance of REC-1 WQO -Bacteria, but enough to show exceedance of the DHS guidance. The DHS guidance for fresh water beaches, which was used to post a swimming advisory for this water body.                             |
| <b>Spatial representation</b>  | Targeted Sites, 12 along the creek   |
| <b>Temporal representation</b>   | Data collected over 12 days in June/July 2001 and also during 4 separate months in 1979/1980.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | City of Santa Rosa and Draft CA. State DHS Guidance for Fresh Water Beaches  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List: List based on their pathogen data exceedance using the DHS Guidance. A Swimming Advisory for this waterbody is in effect, based on the use of this Draft CA. DHS Guidance for Fresh Water Beaches, impacting the Beneficial Use. Note: There was not enough data to show exceedances of REC-1 WQO- Bacteria. |

## Region 1

### Laguna de Santa Rosa

|  |   |
|--|---|
| <b>Water Body</b>  | Laguna de Santa Rosa  |
| <b>Stressor/Media/Beneficial Use</b>   | Nutrients/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nitrogen and Phosphorus linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | USEPA Criterion, WQO  |
| <b>Water Body-specific Information</b>   | Data = 5-6 Years (1995-2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site. |
| <b>Data used to assess water quality</b>                                       | Water Chemistry Total Samples n=10, 9 exceeding   |
| <b>Spatial representation</b>  | Targeted Sites, 10 along the creek  |
| <b>Temporal representation</b>   | Data collected over 4 seasons   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | USEPA Standards, and Standard Methods for examination of Wastewater and Water   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List : List for Nutrients (Phosphorus and Nitrogen). Data have shown that the WQO linked to nutrients is being exceeded.                |

## Region 1

### Laguna de Santa Rosa

|  |  |
|--|--|
| <b>Water Body</b>  | Laguna de Santa Rosa   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Dissolved Oxygen linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO, Regional Board's Basin Plan Objective for Dissolved Oxygen.   |
| <b>Water Body-specific Information</b>   | Data = 5-6 Years (1995-2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Water Chemistry Total Samples n=1792, with 1612 below the 7.0 mg/L Objective.  |
| <b>Spatial representation</b>  | Data collected at 4 attainment points along the Water body   |
| <b>Temporal representation</b>   | Data collected over 4 seasons  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | City of Santa Rosa Monitoring  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List : List for Dissolved oxygen. The data have shown that the WQO is not being met. Note: A TMDL was completed for Dissolved Oxygen once before and it has been shown that it did not work. When the TMDL was completed the water body was removed from the 303(d) List. Now it must be listed again. |

## Region 1

### Stemple Creek/Estero de San Antonio

|  |   |
|--|---|
| <b>Water Body</b>  | Stemple Creek/Estero de San Antonio   |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Turbidity linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality objectives for sediment. Published Sedimentation Thresholds- Peer Reviewed Literature.   |
| <b>Water Body-specific Information</b>   | Data = 5 Years (1996-2001), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Have a narrative Objective for Sediment and Turbidity, Have data from 5 years for turbidity measurements. The data have exceeded the criteria ( Published Sedimentation Thresholds- Peer Reviewed Literature.) used to translate the narrative Basin Plan Water Quality Objectives for Sediment.  |
| <b>Spatial representation</b>  | Targeted stations, 3 sites along creek  |
| <b>Temporal representation</b>   | Data collected over 5 sampling years.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Dept. Fish and Game   |
| <b>Potential Source(s) of Pollutant</b>  | Soil Erosion, Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List: List for Sediment. A TMDL was approved in 1997 for this Watershed and Sediment was inadvertently not included as a stressor in the original 303(d) List and it should have been. All the elements for sediment are addressed in the 1997 TMDL, but Sediment wasn't listed as a stressor whereas nutrients were. RB wants to amend the 303(d) list to include Sediment so that the TMDL can be completed. The data have exceeded the criteria, (Published Sedimentation Thresholds- Peer Reviewed Literature), used to translate the narrative Basin Plan Water Quality Objectives for Sediment. |

## Region 1

### Russian River

|  |  |
|--|--|
| <b>Water Body</b>  | Russian River  |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MWAT linked to Aquatic Life Beneficial Use.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives/Historic Temperature Ranges/Sullivan 2000 Published Temperature Thresholds- Peer Reviewed Literature.  |
| <b>Water Body-specific Information</b>   | Data = 5 years (1997-2001), Data measured at site, Species or indicator present at site , Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | All 26 locations had MWAT values exceeding the (Sullivan 2000) criteria of 14.8 and 17 Degrees, used to translate the narrative WQO for temperature.   |
| <b>Spatial representation</b>  | 26 Site locations in the Russian River Watershed.  |
| <b>Temporal representation</b>   | More than one Season for 5 years   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List: The MWAT/MWMT values for the Russian River Watershed exceed the criteria values (Sullivan, 2000 Published Temperature Thresholds- Peer Reviewed Literature ) that were used to translate the narrative Water Quality Objective for Region 1 for Temperature.   |
| <b>SWRCB Staff Recommendation</b>  | Watch List: The Regional Board staff wish to list this water body for temperature and put the other 5 rivers impaired for temperature on the Watch List . To be consistent with these RB recommendations, the Russian River should be placed on the Watch List. The amounts and kinds of data are the same for all six rivers. |

## Region 1

### Tule Lake and the Lower Klamath National Wildlife Refuge

|  |   |
|--|---|
| <b>Water Body</b>  | Tule Lake and the Lower Klamath National Wildlife Refuge  |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data with a QA/QC were given the greatest weight.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | pH linked to Aquatic Life Beneficial Use.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan Water Quality Objectives.  |
| <b>Water Body-specific Information</b>   | Data = 6 years (1992-1997), Data measured at site, Species or indicator present at Site, Environmental conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | For the Klamath Straights Data showed in 1996, 10 pH exceedances out of 15 measurements (7.9- 10 range), 1997 data showed 13 pH exceedances out of 15 measurements (8.1 - 10 Range). The 1992-95 data showed 3 exceedances out of 11 samples (4.6- 9.12 range). For the Tule Lake Data showed in 1996 10 pH exceedances out of 15 measurements (7.5 - 10.0 range). 1997 data showed 13 exceedances out of 15 measurements and the 1992-95 the data showed 7 exceedances out of 11 samples (range 5 - 10.2). |
| <b>Spatial representation</b>  | Klamath Straights- sampling station/Tule Lake ... Pump D sampling station   |
| <b>Temporal representation</b>   | April through October Data from 1992- 1997 for Klamath and Tule Lake  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List: List for pH for the portions of Tule Lake and Lower Klamath Lake National Wildlife Refuge in CA. Data has shown that the pH values exceeded the WQO for pH.   |

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# Water Bodies Proposed for the Watch List by Region 1

|                         |  |
|-------------------------|--|
| Alder Creek             |  |
| Beith Creek             | Sediment and Temperature               |
| Brush Creek             | Sediment                               |
| Casper Creek            | Sediment                               |
| Cottaneva Creek         | Pathogens                              |
| Dehaven Creek           | Sediment                               |
| East Fork Trinity River | Sediment                               |
| Elk Creek               | Mercury                                |
| Greenwood Creek         | Sediment                               |
| Grotzman Creek          | Sediment and Temperature               |
| Hardy Creek             | Sediment                               |
| Howard Creek            | Sediment                               |
| Humboldt Bay            | Sediment                               |
| Juan Creek              | PCBs and Dieldrin                      |
| Klamath River           | Sediment                               |
| Laguna de Santa Rosa    | Sediment                               |
| Lake Mendocino          | Chromium, Copper, and Zinc<br>Diazinon |
| Lake Sonoma             | Mercury                                |
|                         | Mercury                                |

|  |   |
|--|---|
| Mad River Slough   | PCBs                                      |
| Mallo Pass Creek   | Sediment                                  |
| Pudding Creek  | Pathogens                                 |
| Russian River  | Diazinon                                  |
| Santa Rosa Creek   | Chromium, Copper, and Zinc<br>Diazinon    |
| Schooner Gulch   | Sediment                                  |
| Shasta River   | Sediment and Nutrients                    |
| Tule Lake and Lower Klamath Lake<br>National Wildlife Refuge | Dissolved Oxygen and Unionized<br>Ammonia |
| Usal Creek   | Sediment                                  |
| Virgin Creek   | Pathogens                                 |
| Wages Creek  | Sediment                                  |

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# Regional Water Quality Control Board

## SAN FRANCISCO BAY REGION (2)



SECTION 303 (d) LIST PROPOSALS

## Region 2 Summary of Recommendations

| Water Body                                | Pollutant/Medium<br>/Beneficial Use                                      | RWQCB<br>Recommendation   | SWRCB<br>Recommendation   |
|---|--|---|---|
| San Mateo Coastal Basin/San Pedro Creek   | High Coliform<br>Count/Water/REC-1                                       | List  | List San Pedro Creek for High<br>Coliform.  |
| San Mateo Coastal Basin/San Vicente Creek | High Coliform<br>Count/Water/REC-1, REC-2                                | List  | List San Vicente Creek for High<br>Coliform.  |
| Central Basin/Stege Marsh                 | Sediment Toxicity and<br>Benthic Community<br>Effects/Water/Aquatic Life | List: Current application of other<br>regulatory authorities and the effects-<br>based nature of the listing would<br>give this listing a low-priority. | Watch List: No pollutant identified for<br>listing, this is an effects-based listing.<br>The water body is part of the BPTCP<br>list of toxic hot spots, therefore an<br>alternative enforceable program is in<br>place, the Consolidated Cleanup Plan.   |
| Lake Merritt                              | Trash/Water/Aquatic Habitat<br>and REC uses                              | Change in listed water body. Change<br>pollutant from Floating Material to<br>Trash.  | Change in listed water body. Change<br>pollutant from Floating Material to<br>Trash.  |
| Tomaes Bay                                | Mercury/Water/Aquatic Life   | Change in listed water body. Change<br>pollutant from Metals to Mercury.  | Change in listed water body. Change<br>pollutant from Metals to Mercury.  |
| Arroyo Las Positas                        | Diazinon/Water/Aquatic Life<br>(MIGR; SPWN; (COLD);<br>(WARM))           | List  | List for Diazinon. List this tributary,<br>Arroyo Las Positas (13.5 miles) as part<br>of the Urban Creeks in the San<br>Francisco region. It was an oversight<br>that it was not listed for Diazinon as<br>part of that group of water bodies in<br>1998. |
| Arroyo Mocho                              | Diazinon/Water/Aquatic Life<br>(MIGR; SPWN; (COLD);<br>(WARM))           | List  | List for Diazinon. List this tributary,<br>Arroyo Mocho (28.5 miles) as part of<br>the Urban Creeks in the San Francisco<br>region. It was an oversight that it was<br>not listed for Diazinon as part of that<br>group of water bodies in 1998.          |

| <b>Water Body</b>   | <b>Pollutant/Medium<br/>/Beneficial Use</b>                              | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>  |
|---|--|---|--|
| South Bay Basin/Islais Creek  | Sediment Toxicity and<br>Benthic Community<br>Effects/Water/Aquatic Life | List: Current application of other<br>regulatory authorities and the effects-<br>based nature of the listing would<br>give this listing a low-priority. | Watch List: No pollutant identified for<br>listing, effects-based listing. The water<br>body is part of the BPTCP list of toxic<br>hot spots, therefore an alternative<br>enforceable program is in place,<br>Consolidated Cleanup Plan. |
| South Bay Basin/Marina Lagoon (San Mateo<br>Co.)                      | High Coliform<br>Count/Water/REC-1                                       | List  | List Marina Lagoon for High Coliform<br>Counts.  |
| South Bay Basin/Mission Creek   | Sediment Toxicity and<br>Benthic Community<br>Effects/Water/Aquatic Life | List: Current application of other<br>regulatory authorities and the effects-<br>based nature of the listing would<br>give this listing a low-priority. | Watch List: No pollutant identified for<br>listing, effects-based listing. The water<br>body is part of the BPTCP list of toxic<br>hot spots, therefore an alternative<br>enforceable program is in place,<br>Consolidated Cleanup Plan. |
| Central Basin/Pacific Ocean at Baker Beach                            | High Coliform<br>Count/Water/REC-1                                       | List  | List Pacific Ocean at Baker Beach<br>(mouth of Lobos Creek) for High<br>Coliform.  |
| San Mateo Coastal Basin/Pacific Ocean at<br>China Beach               | Beach Closures/Water/REC-1   | List: Beach Closures were not based<br>on actual monitoring data, they were<br>based on CSO events and rainfall.  | List Pacific Ocean at China Beach. This<br>listing is a public health concern.   |
| San Mateo Coastal Basin/Pacific Ocean at<br>Fitzgerald Marine Reserve | High Coliform<br>Count/Water/REC-1                                       | List  | List the Pacific Ocean at Fitzgerald<br>Marine Reserve for High Coliform.  |
| San Mateo Coastal Basin/Pacific Ocean at<br>Fitzgerald Marine Reserve | Beach Closures/Water/REC-1   | List  | List the Pacific Ocean at Fitzgerald<br>Marine Reserve.  |
| San Mateo Coastal Basin/Pacific Ocean at<br>Fort Funston Beach        | Beach Closures/Water/REC-1   | List: Beach Closures were not based<br>on actual monitoring data, they were<br>based on CSO events and rainfall.  | List Pacific Ocean at Fort Funston<br>Beach for beach closures. This listing is<br>a public health concern.  |
| San Mateo Coastal Basin/Pacific Ocean at<br>Ocean Beach               | Beach Closures/Water/REC-1   | List: Beach Closures were not based<br>on actual monitoring data, they were<br>based on CSO events and rainfall.  | List Pacific Ocean at Ocean Beach for<br>beach closures. Listing is a public<br>health concern.  |



| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b> | <b>SWRCB<br/>Recommendation</b>  |
|--|---|---------------------------------|--|
| San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach) | High Coliform<br>Count/Water/REC-1          | List                            | List the Pacific Ocean at Pacifica State Beach for High Coliform.                      |
| San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach) | Beach Closures/Water/REC-1                  | List                            | List Pacific Ocean at Pacific State Beach.   |
| San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach                                  | High Coliform<br>Count/Water/REC-1          | List                            | List the Pacific Ocean at Pillar Point for High Coliform.                              |
| San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach                                  | Beach Closures/Water/REC-1                  | List                            | List Pacific Ocean at Pillar Point Beach.  |
| San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach                                      | High Coliform<br>Count/Water/REC-1          | List                            | List Pacific Ocean at Rockaway Beach for High Coliform.                                |
| San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach                                  | High Coliform<br>Count/Water/REC-1          | List                            | List Pacific Ocean at San Gregorio Beach for High Coliform.                            |
| San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach                                    | Beach Closures/Water/REC-1                  | List                            | List Pacific Ocean at Sharp Park Beach for Beach Closures based on High Coliform data. |
| San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach                                      | Total Coliform/Water/REC-1                  | List                            | List Pacific Ocean at Surfer's Beach for High Coliform.                                |
| San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach                                      | Beach Closures/Water/REC-1                  | List                            | List Pacific Ocean at Surfer's Beach for High Coliform.                                |
| San Mateo Coastal Basin/Pacific Ocean at Venice Beach  | High Coliform/Water/REC-1                   | List                            | List Pacific Ocean at Venice Beach for High Coliform.                                  |

| Water Body                                     | Pollutant/Medium<br>/Beneficial Use                                      | RWQCB<br>Recommendation  | SWRCB<br>Recommendation   |
|--|--|--|---|
| San Pablo Basin/Petaluma River (tidal portion) | Copper/Water/Aquatic Life<br>(WARM, MIGR)                                | Exclude from the List. This listing was made in the Draft Staff report. However a memo sent on 2/26/02 made mention that the RB no longer wishes to list the mouth of the Petaluma river for copper. This finding to withdraw the recommendation is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002. | Exclude from the List. SWRCB staff agrees with the RB recommendation to withdraw this listing for 2002 due to new WER information.  |
| San Pablo Basin/Petaluma River (tidal portion) | Nickel/Water/Aquatic Life<br>(WARM, MIGR)                                | List   | List the Petaluma River (tidal portion) for Nickel.   |
| San Pablo Basin/Petaluma River                 | Diazinon/Water/Aquatic life<br>(WARM; MIGR)                              | List   | List the Petaluma River for Diazinon using the CDFG criteria.   |
| Suisun Basin/Peyton Slough                     | Sediment Toxicity and<br>Benthic Community<br>Effects/Water/Aquatic Life | List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.  | Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan. |
| San Mateo Coastal Basin/Pomponino Creek        | High Coliform<br>Count/Water/REC-1                                       | List   | List Pomponino Creek for High Coliform.   |
| San Mateo Coastal Basin/San Gregorio Creek     | High Coliform<br>Count/Water/REC-1                                       | List   | List San Gregorio Creek for High Coliform.  |
| San Pablo Basin/San Pablo Reservoir            | Mercury/Water/Fish<br>Consumption  | List   | List the San Pablo Reservoir for Mercury.   |

| <b>Water Body</b>                          | <b>Pollutant/Medium<br/>/Beneficial Use</b>         | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>   |
|--|---|--|---|
| Walker Creek                               | Mercury/Water/Aquatic Life                          | Change in listed water body. Change pollutant from Metals to Mercury.                                    | Change in listed water body. Change pollutant from Metals to Mercury.   |
| Arroyo Hondo                               | Diazinon/Water/Aquatic Life and Drinking water uses | Delist   | Delist this water body from the 1998 list. This body was listed as a mistake and never should have been listed as an Urban Creek.   |
| Suisun/San Pablo Basins/Carquinez Strait   | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Suisun/San Pablo Basins/Carquinez Strait   | Nickel/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Suisun Basin/Sacramento-San Joaquin Delta  | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Suisun Basin/Sacramento-San Joaquin Delta  | Nickel/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Central Basin/San Francisco Bay, Central   | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| South Bay Basin/San Francisco Bay, Lower   | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| South Bay Basin/San Francisco Bay, Lower   | Nickel/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Santa Clara Basin/San Francisco Bay, South | Copper/Water/Aquatic Life                           | Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List. | Maintain Listing. The Site Specific Objectives, that would allow this water body to be de-listed, have yet to be approved. Using the CTR standard, 35% of the samples still exceed. |
| Santa Clara Basin/San Francisco Bay, South | Nickel/Water/Aquatic Life                           | Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List. | Delist and place on the Watch List. Using the current CTR standards only 1% of 604 samples still exceed.  |
| San Pablo Basin/San Pablo Bay              | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| San Pablo Basin/San Pablo Bay              | Nickel/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |
| Suisun Basin/Suisun Bay                    | Copper/Water/Aquatic Life                           | Delist and place on the Watch List.  | Delist and place on the Watch List.   |

| <b>Water Body</b>       | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b>     | <b>SWRCB<br/>Recommendation</b>     |
|-------------------------|---|-------------------------------------|-------------------------------------|
| Suisun Basin/Suisun Bay | Nickel/Water/Aquatic Life                   | Delist and place on the Watch List. | Delist and place on the Watch List. |

## Region 2

### San Mateo Coastal Basin/San Pedro Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/San Pedro Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring/Surfrider data/lab QA/QC used. USEPA Region IX Laboratory data used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | High Coliform Counts are linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used  |
| <b>Water Body-specific Information</b>   | Data = 3 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Data = 99 samples for total coliform, 6 samples for fecal coliform, for Basin Plan data set. 41 samples for total coliform, 23 samples for fecal coliform for Ocean Plan data set. Basin Plan objectives violated in 13% samples for total coliform, 98% samples for total coliform median, and 100% violated for samples of fecal coliform geomean and fecal coliform in dry weather months. Ocean Plan objectives violated in 90% of the samples for total coliform, 96% of samples for fecal coliform geomean, and 100% fecal coliform in dry weather months. E. coli data show 67% samples for total coliform maximum designated beach violated the Basin Plan Objectives. Basin Plan objectives violated in 63% samples for E. coli maximum moderately-used beach, violated in 57% samples for maximum lightly-used beach and violated in 57% samples for maximum infrequently-used beach, in dry weather months. |
| <b>Spatial representation</b>  | Data was collected at 15 sampling sites.   |
| <b>Temporal representation</b>   | Data was collected, from 5/26/98-8/14/00, and 4/24/00-11/13/00.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | California Office of Health Hazard Assessment and Contra Costa County Health Services methods.   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List San Pedro Creek for High Coliform.  |

## Region 2

### San Mateo Coastal Basin/San Vicente Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/San Vicente Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1, REC-2  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | High Coliform Counts linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 38 samples for total coliform, 22 samples for fecal coliform, and 6 samples for E. coli. E. coli data show 100% violations of the Basin Plan Objectives for total coliform maximum at all beaches in dry-weather months. Basin Plan violated in 3% of samples for total coliform maximum, 100% samples violated for total coliform median, 100% samples violated for fecal coliform geomean and 100% samples violated for fecal coliform (REC-1). Basin Plan objectives violated in 32% of samples for fecal coliform mean, and 23% violated samples for fecal coliform (REC-2) in dry-weather months. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 10/6/98-9/26/00.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List San Vicente Creek for High Coliform.   |

## Region 2

### Central Basin/Stege Marsh

|  |  |
|--|--|
| <b>Water Body</b>  | Central Basin/Stege Marsh  |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment Toxicity linked to Aquatic Life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Toxicity test results (and ERM quotient) for sediment used.  |
| <b>Water Body-specific Information</b>   | Data = 2 months (1997), Data measured at the site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Elevated sediment chemistry (ERM quotient) 0-1% amphipod Survival, 5/5 tests, significant urchin toxicity, 3/3 samples, Relative benthic index = 0.00 (2 benthic samples)  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 10/97-12/97.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | BPTCP methods  |
| <b>Potential Source(s) of Pollutant</b>  | Industrial Point Sources   |
| <b>Alternative Enforceable Program</b>   | Consolidated Cleanup Plan (BPTCP)  |
| <b>RWQCB Recommendation</b>  | List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.  |
| <b>SWRCB Staff Recommendation</b>  | Watch List: No pollutant identified for listing, this is an effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, the Consolidated Cleanup Plan.                     |

## Region 2

### Lake Merritt

|  |  |
|--|--|
| <b>Water Body</b>  | Lake Merritt   |
| <b>Stressor/Media/Beneficial Use</b>   | Trash/Water/Aquatic Habitat and REC uses   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Trash linked to Aquatic Habitat and REC uses.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | N/A  |
| <b>Water Body-specific Information</b>   | N/A  |
| <b>Data used to assess water quality</b>                                       | N/A  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was temporally collected.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | N/A  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers  |
| <b>Alternative Enforceable Program</b>   | N/A  |
| <b>RWQCB Recommendation</b>  | Change in listed water body. Change pollutant from Floating Material to Trash.   |
| <b>SWRCB Staff Recommendation</b>  | Change in listed water body. Change pollutant from Floating Material to Trash.   |



## Region 2

### Tomales Bay

|  |  |
|--|--|
| <b>Water Body</b>  | Tomales Bay  |
| <b>Stressor/Media/Beneficial Use</b>   | Mercury/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Mercury linked to Aquatic life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | N/A  |
| <b>Water Body-specific Information</b>   | N/A  |
| <b>Data used to assess water quality</b>                                       | N/A  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was temporally collected.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | N/A  |
| <b>Potential Source(s) of Pollutant</b>  | Mine Tailings  |
| <b>Alternative Enforceable Program</b>   | N/A  |
| <b>RWQCB Recommendation</b>  | Change in listed water body. Change pollutant from Metals to Mercury.  |
| <b>SWRCB Staff Recommendation</b>  | Change in listed water body. Change pollutant from Metals to Mercury.  |

## Region 2

### Arroyo Las Positas

|  |   |
|--|---|
| <b>Water Body</b>  | Arroyo Las Positas  |
| <b>Stressor/Media/Beneficial Use</b>   | Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Diazinon linked to Aquatic Life Uses.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO, Basin Plan   |
| <b>Water Body-specific Information</b>   | Water Body was added to the Basin Plan in 1995 as part of the Urban Creeks. It should have been listed in 1998, along with the other Urban Creeks for Diazinon.   |
| <b>Data used to assess water quality</b>                                       | List based on the criteria that was used to list Urban creeks in 1998. This water body should have been listed for Diazinon then, however due to an oversight by staff it was left off the 1998 list and should be placed on the 2002 list. |
| <b>Spatial representation</b>  | Data was collected by Regional Board field reconnaissance in 2001.  |
| <b>Temporal representation</b>   | Data was collected by Regional Board field reconnaissance in 2001.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List for Diazinon. List this tributary, Arroyo Las Positas (13.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.     |

## Region 2

### Arroyo Mocho

|  |   |
|--|---|
| <b>Water Body</b>  | Arroyo Mocho  |
| <b>Stressor/Media/Beneficial Use</b>   | Diazinon/Water/Aquatic Life (MIGR; SPWN; (COLD); (WARM))  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Diazinon linked to Aquatic Life Uses.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO, Basin Plan   |
| <b>Water Body-specific Information</b>   | Water Body was added to the Basin Plan in 1995 as part of the Urban Creeks. It should have been listed in 1998, along with the other Urban Creeks for Diazinon.   |
| <b>Data used to assess water quality</b>                                       | List based on the criteria that was used to list Urban creeks in 1998. This water body should have been listed for Diazinon then, however due to an oversight by staff it was left off the 1998 list and should be placed on the 2002 list. |
| <b>Spatial representation</b>  | Data was collected by Regional Board field reconnaissance in 2001.  |
| <b>Temporal representation</b>   | Data was collected by Regional Board field reconnaissance in 2001.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List for Diazinon. List this tributary, Arroyo Mocho (28.5 miles) as part of the Urban Creeks in the San Francisco region. It was an oversight that it was not listed for Diazinon as part of that group of water bodies in 1998.           |

## Region 2

### South Bay Basin/Islais Creek

|  |   |
|--|---|
| <b>Water Body</b>  | South Bay Basin/Islais Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used BPTCP QA/QC. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment Toxicity linked to Aquatic Life.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Toxicity test results (and ERM quotient) for sediment used. WQO, Basin Plan.  |
| <b>Water Body-specific Information</b>   | Data = 3 years (94-97), Data measured at the site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Elevated sediment chemistry (ERM quotient), Significant amphipod toxicity in 3/4 samples (75%), Significant urchin toxicity in 4/5 samples (80%), Relative benthic index = 0.22, 0.25, 0.43 (3 benthic gradient samples).                 |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 9/94- 9/97.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | BPTCP methods   |
| <b>Potential Source(s) of Pollutant</b>  | Combined Sewer Overflows/Industrial Point Sources   |
| <b>Alternative Enforceable Program</b>   | Consolidated Cleanup Plan (BPTCP)   |
| <b>RWQCB Recommendation</b>  | List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.   |
| <b>SWRCB Staff Recommendation</b>  | Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.                 |

## Region 2

### South Bay Basin/Marina Lagoon (San Mateo Co.)

|  |   |
|--|---|
| <b>Water Body</b>  | South Bay Basin/Marina Lagoon (San Mateo Co.)   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | High Coliform Counts are linked to REC-1 uses.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan objectives and Ocean Plan water contact standards used.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | 192 samples for total coliform there were Basin Plan Objectives violated in 1% of the samples. Basin Plan Objectives violated in 50% of samples for total coliform median. Basin Plan Objectives violated in 10% of samples for fecal coliform geomean. Basin Plan Objectives violated in 33% of samples for fecal coliform 90th percentile in dry weather months. Basin Plan Objectives violated for E. coli data in 31% of the samples. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 10/7/98-10/31/00.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Marina Lagoon for High Coliform Counts.  |

## Region 2

### South Bay Basin/Mission Creek

|  |  |
|--|--|
| <b>Water Body</b>  | South Bay Basin/Mission Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment Toxicity linked to Aquatic Life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Toxicity test results (and ERM quotient) for sediment used.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (95-97), Data measured at the site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Elevated sediment chemistry (ERM quotient) significant amphipod toxicity, 3/5 tests (60%) significant urchin toxicity, 3/5 samples (60%), relative benthic index = 0.00, 0.34, and 0.65 (3 benthic gradient samples).  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected, from 5/95-4/97.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | BPTCP methods  |
| <b>Potential Source(s) of Pollutant</b>  | Combined Sewer Overflows/Industrial Point Sources  |
| <b>Alternative Enforceable Program</b>   | Consolidated Cleanup Plan (BPTCP)  |
| <b>RWQCB Recommendation</b>  | List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.  |
| <b>SWRCB Staff Recommendation</b>  | Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.                                    |

## Region 2

### Central Basin/Pacific Ocean at Baker Beach

|  |   |
|--|---|
| <b>Water Body</b>  | Central Basin/Pacific Ocean at Baker Beach  |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | USEPA Storet data. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and fecal coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 11 months (7/97-5/98), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 164 samples total. Ocean Plan objectives violated in 9.7% of the samples for total coliform in dry-weather months.   |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 7/1/97-5/29/98.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | USEPA methods   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Combined Sewer Overflows   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Baker Beach (mouth of Lobos Creek) for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at China Beach

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at China Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach Closures linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | USEPA Guidance (1996)  |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on rainfall and combined sewer overflow events. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was temporally collected.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Combined Sewer Overflows  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.   |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at China Beach. This listing is a public health concern.  |



## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve  |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan and Basin Plan used  |
| <b>Water Body-specific Information</b>   | Data = 3 years (5/98-10/00), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Data = 49 samples total. Ocean Plan Objectives violated in 43% of the samples for total coliform in dry-weather months. Basin Plan Objectives were violated in 16% of samples for log mean, and in 73% of samples in dry weather months.  |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 5/98-10/98, 5/99-10/99 and 5/00-10/00.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Pacific Ocean at Fitzgerald Marine Reserve for High Coliform.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Fitzgerald Marine Reserve  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan and Ocean Plan used  |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.                                     |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was temporally collected.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Pacific Ocean at Fitzgerald Marine Reserve.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Fort Funston Beach

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Fort Funston Beach  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach Closures linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | USEPA Guidance (1996)  |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data.  |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on rainfall and combined sewer overflow events. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed. |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Combined Sewer Overflows  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.   |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Fort Funston Beach for beach closures. This listing is a public health concern.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Ocean Beach

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Ocean Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach Closures linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | USEPA Guidance (1996)  |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data.  |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on rainfall and combined sewer overflow events. The closures weren't based on monitoring data. Consistent with USEPA guidance (1996) for beach closures, the beach is recommended to be listed.              |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Combined Sewer Overflows  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List: Beach Closures were not based on actual monitoring data, they were based on CSO events and rainfall.   |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Ocean Beach for beach closures. Listing is a public health concern.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda)

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)  |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 3 years (1/98-1/01), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 36 wet weather samples. Ocean Plan Objectives violated in 22% of samples for total coliform in wet-weather months. This listing is driven by wet weather only. Ocean Plan objectives violated in 19% of samples for fecal coliform. No exceedances between May and October. Wet weather exceedances.                             |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 1/98-1/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Pacific Ocean at Pacifica State Beach for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda)

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Pacifica State Beach (Linda Mar or San Pedro Beach)  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.                                     |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was temporally collected.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Pacific State Beach.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 3 years (5/98-10/00), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Data = 143 samples total. Ocean Plan objectives violated in 40% of samples for total coliform in dry-weather months. Ocean Plan objectives violated in 9% of the samples for log mean and 35% of the samples for fecal coliform in dry weather months.  |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 5/98-10/98, 5/99-10/99 and 5/00-10/00.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Pacific Ocean at Pillar Point for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Pillar Point Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.                                     |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was temporally collected.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Pillar Point Beach.   |



## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Rockaway Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 1 year (2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 23 samples total. Ocean Plan objectives violated in 13% of samples for total coliform in dry-weather months.   |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 5/00-10/00.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers, Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Rockaway Beach for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at San Gregorio Beach  |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.                |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used  |
| <b>Water Body-specific Information</b>   | Data = 3 years (98-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Data = 56 samples for total coliform, 23 samples for fecal coliform. Ocean Plan objectives violated in 5% of samples for total coliform in combined dry- and wet-weather months. Ocean Plan objectives violated in 8% samples for fecal coliform, wet-weather only. No exceedances between May and October. Listing driven by wet weather exceedances. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected, from 9/98-3/01.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at San Gregorio Beach for High Coliform.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Sharp Park Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach Closures linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | USEPA Guidance (1996)   |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geomean Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was temporally collected.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Sharp Park Beach for Beach Closures based on High Coliform data.  |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Total Coliform/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.             |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total and Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 4 years (97-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 134 total coliform samples, 126 fecal coliform samples. Ocean Plan objectives violated in 5% samples for total coliform in combined dry- and wet-weather months. Ocean Plan objectives violated in 9% of samples for fecal coliform in combined wet-dry weather. No exceedances between May and October. Listing driven by wet weather only. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 7/97-1/01.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Surfer's Beach for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Surfer's Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Closures/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 2000 Beach closure data. Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | The beach closures were based on high coliform counts. Percent exceedances were calculated for the maximum, median, and geometric Basin Plan and Ocean Plan Objectives. There were exceedances of the objectives, and consistent with USEPA guidance (1996), the beach is recommended to be listed.                                     |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was temporally collected.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Surfer's Beach for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/Pacific Ocean at Venice Beach

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pacific Ocean at Venice Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Ocean Plan used   |
| <b>Water Body-specific Information</b>   | Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 30 samples. Ocean Plan violated in 13% of samples for total coliform in dry-weather months.  |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 9/28/98-10/31/00.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pacific Ocean at Venice Beach for High Coliform.   |

## Region 2

### San Pablo Basin/Petaluma River (tidal portion)

|  |  |
|--|--|
| <b>Water Body</b>  | San Pablo Basin/Petaluma River (tidal portion)   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life (WARM, MIGR)   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used  |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | There were 15 exceedances since 1993. New information sent to the SWRCB in a memo on 2/26/02 changes this finding. This finding is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002.  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Monitoring Program (RMP) methods.   |
| <b>Potential Source(s) of Pollutant</b>  | Municipal Point Sources, Urban Runoff/Storm Sewers, Atmospheric Deposition   |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Exclude from the List. This listing was made in the Draft Staff report. However a memo sent on 2/26/02 made mention that the RB no longer wishes to list the mouth of the Petaluma river for copper. This finding to withdraw the recommendation is based on the modified rationale to list, based on Water Effect Ratio (WER) information. The new information shows the copper levels are below the threshold for exceedance, hence there is no need for the river to be listed in 2002. |
| <b>SWRCB Staff Recommendation</b>  | Exclude from the List. SWRCB staff agrees with the RB recommendation to withdraw this listing for 2002 due to new WER information.   |

## Region 2

### San Pablo Basin/Petaluma River (tidal portion)

|  |   |
|--|---|
| <b>Water Body</b>  | San Pablo Basin/Petaluma River (tidal portion)  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life (WARM, MIGR)  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTR, WQO Basin Plan   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Using the CTR , there have been 4 exceedances since 1993, two were twice the Basin Plan Objective amounts.  |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Monitoring Program (RMP) methods.  |
| <b>Potential Source(s) of Pollutant</b>  | Municipal Point Sources, Urban Runoff/Storm Sewers, Atmospheric Deposition  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Petaluma River (tidal portion) for Nickel.   |



## Region 2

### San Pablo Basin/Petaluma River

|  |   |
|--|---|
| <b>Water Body</b>  | San Pablo Basin/Petaluma River  |
| <b>Stressor/Media/Beneficial Use</b>   | Diazinon/Water/Aquatic life (WARM; MIGR)  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Abelli-Amen, Petaluma Tree Planters data used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Diazinon linked to Aquatic Life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CDFG Acute Criterion , WQO  |
| <b>Water Body-specific Information</b>   | Data = 4 months (7/98-11/98), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 36 samples total. CDFG acute criteria for Diazinon was violated in 33% of the samples. The criteria was used to determine the exceedance of the WQO.   |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected, from 7/98-11/98.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Abelli-Amen, Petaluma Tree Planters, Regional Board methods.  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff/Storm Sewers   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the Petaluma River for Diazinon using the CDFG criteria.   |

## Region 2

### Suisun Basin/Peyton Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Suisun Basin/Peyton Slough   |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment Toxicity and Benthic Community Effects/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used BPTCP QA/QC. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment Toxicity linked to Aquatic Life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Toxicity test results (and ERM quotient) for sediment used.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (95-97), Data measured at the site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Elevated sediment chemistry (ERM quotient), significant amphipod toxicity in 4/5 samples (80%), significant urchin toxicity--4/5 samples (80%), relative benthic index = 0.36, 0.51, 0.34 (3 benthic gradient samples).                                      |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected, from 5/95-4/97.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | BPTCP methods  |
| <b>Potential Source(s) of Pollutant</b>  | Industrial Point Sources   |
| <b>Alternative Enforceable Program</b>   | Consolidated Cleanup Plan (BPTCP)  |
| <b>RWQCB Recommendation</b>  | List: Current application of other regulatory authorities and the effects-based nature of the listing would give this listing a low-priority.  |
| <b>SWRCB Staff Recommendation</b>  | Watch List: No pollutant identified for listing, effects-based listing. The water body is part of the BPTCP list of toxic hot spots, therefore an alternative enforceable program is in place, Consolidated Cleanup Plan.                                    |

## Region 2

### San Mateo Coastal Basin/Pomponino Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Mateo Coastal Basin/Pomponino Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | High Coliform Counts are linked to REC-1.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 5 months (2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | Data = 44 samples for total coliform, 23 samples for fecal coliform, 21 E. coli samples. Basin Plan objectives violated in 64% samples for total coliform median. Basin Plan objectives violated in 3% samples for fecal coliform geomean. Basin Plan Objectives violated in 17% samples for fecal coliform in dry-weather months. E. coli data showed Basin Plan objectives violated in 5% samples for all the beach uses in dry weather months. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 6/12/00-10/31/00.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List Pomponino Creek for High Coliform.   |

## Region 2

### San Mateo Coastal Basin/San Gregorio Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Mateo Coastal Basin/San Gregorio Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | High Coliform Count/Water/REC-1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab QA/QC used. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | High Coliform Counts are linked to REC-1.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used  |
| <b>Water Body-specific Information</b>   | Data = 2 years (98-2000), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.  |
| <b>Data used to assess water quality</b>                                       | Data = 56 samples for total coliform , 23 samples for fecal coliform, 22 samples for E. coli. Basin Plan objectives violated in 2% samples for total coliform maximum Objectives violated in 73% samples for total coliform median. Basin Plan objectives violated in 26% samples for fecal coliform geomean. Objectives violated in 43% samples for fecal coliform in dry-weather months. E. coli data show 45% samples for total coliform maximum designated beach violated the Basin Plan Objectives. Basin Plan objectives violated in 45% samples for E. coli maximum moderately-used beach, violated in 18% samples for maximum lightly-used beach and violated in 45% samples for maximum infrequently-used beach, in dry weather months. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 9/28/98-10/31/00.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | San Mateo County Environmental Health Dept. Beach Monitoring, Surfrider data/lab methods, Regional Board.  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint Source  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List San Gregorio Creek for High Coliform.   |

## Region 2

### San Pablo Basin/San Pablo Reservoir

|  |   |
|--|---|
| <b>Water Body</b>  | San Pablo Basin/San Pablo Reservoir   |
| <b>Stressor/Media/Beneficial Use</b>   | Mercury/Water/Fish Consumption  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used California Office of Health Hazard Assessment and Contra Costa County Health Services data. QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Mercury linked to fish consumption  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Interim fish advisory issued Feb. 2000, USEPA screening criteria (0.3 ppm), WQO   |
| <b>Water Body-specific Information</b>   | Data = 1 month (11/97), Data measured at the site, Species or Indicator present at site, Environmental Conditions considered at site.   |
| <b>Data used to assess water quality</b>                                       | 5 out of 12 composite fish-tissue samples exceed the USEPA criteria. All of the fish were trophic Level 4 samples (large mouth bass). There was also a fish advisory issued in February 2000.   |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected during 11/97.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Atmospheric Deposition  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List the San Pablo Reservoir for Mercury.   |

## Region 2

### Walker Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Walker Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Mercury/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Data evaluation was based on USEPA guidelines for 305(b) reports, that uses a hierarchy of water quality data levels. Only data of higher overall level of information (Levels 3 and 4) were used to list a water body. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Mercury linked to Aquatic life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | N/A  |
| <b>Water Body-specific Information</b>   | N/A  |
| <b>Data used to assess water quality</b>                                       | N/A  |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was temporally collected.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | N/A  |
| <b>Potential Source(s) of Pollutant</b>  | Surface Mining, Mine Tailings  |
| <b>Alternative Enforceable Program</b>   | N/A  |
| <b>RWQCB Recommendation</b>  | Change in listed water body. Change pollutant from Metals to Mercury.  |
| <b>SWRCB Staff Recommendation</b>  | Change in listed water body. Change pollutant from Metals to Mercury.  |

## Region 2

### Arroyo Hondo

|  |  |
|--|--|
| <b>Water Body</b>  | Arroyo Hondo   |
| <b>Stressor/Media/Beneficial Use</b>   | Diazinon/Water/Aquatic Life and Drinking water uses  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QA/QC requirement. Only data of higher overall level of information were used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Diazinon linked to Aquatic Life and Drinking water.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO, Basin Plan  |
| <b>Water Body-specific Information</b>   | This water body was erroneously added to the 1998 as part of the Urban creek listing for Diazinon.   |
| <b>Data used to assess water quality</b>                                       | Listing Factor 3 mistake made in 1998 List. This water body was found to be not part of the Urban Creek tributaries listed on the 1998 list... this creek isn't an urban creek at all. Field Reconnaissance in 2001, found this mistake. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was temporally collected.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   | N/A  |
| <b>RWQCB Recommendation</b>  | Delist   |
| <b>SWRCB Staff Recommendation</b>  | Delist this water body from the 1998 list. This body was listed as a mistake and never should have been listed as an Urban Creek.  |

## Region 2

### Suisun/San Pablo Basins/Carquinez Strait

|  |   |
|--|---|
| <b>Water Body</b>  | Suisun/San Pablo Basins/Carquinez Strait  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  |   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |



## Region 2

### Suisun/San Pablo Basins/Carquinez Strait

|  |  |
|--|--|
| <b>Water Body</b>  | Suisun/San Pablo Basins/Carquinez Strait   |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used.  |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)   |
| <b>Data used to assess water quality</b>                                       | Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.  |

## Region 2

### Suisun Basin/Sacramento-San Joaquin Delta

|  |   |
|--|---|
| <b>Water Body</b>  | Suisun Basin/Sacramento-San Joaquin Delta   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |

## Region 2

### Suisun Basin/Sacramento-San Joaquin Delta

|  |  |
|--|--|
| <b>Water Body</b>  | Suisun Basin/Sacramento-San Joaquin Delta  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)   |
| <b>Data used to assess water quality</b>                                       | Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.  |

## Region 2

### Central Basin/San Francisco Bay, Central

|  |   |
|--|---|
| <b>Water Body</b>  | Central Basin/San Francisco Bay, Central  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |

## Region 2

### South Bay Basin/San Francisco Bay, Lower

|  |   |
|--|---|
| <b>Water Body</b>  | South Bay Basin/San Francisco Bay, Lower  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |

## Region 2

### South Bay Basin/San Francisco Bay, Lower

|  |  |
|--|--|
| <b>Water Body</b>  | South Bay Basin/San Francisco Bay, Lower   |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)   |
| <b>Data used to assess water quality</b>                                       | Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.  |

## Region 2

### Santa Clara Basin/San Francisco Bay, South

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara Basin/San Francisco Bay, South  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used San Jose Copper and Nickel study QA/QC. QA/QC requirement. Only data of higher overall level of information was used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used  |
| <b>Water Body-specific Information</b>   | Data = 3 years (97-2000)  |
| <b>Data used to assess water quality</b>                                       | Data = 690 samples total collectively for S.F. Bay south of the Dumbarton Bridge. Using the CTR standard, 35% (241) of the samples exceed it.                                       |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 2/97-12/00.   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing. The Site Specific Objectives, that would allow this water body to be de-listed, have yet to be approved. Using the CTR standard, 35% of the samples still exceed. |

## Region 2

### Santa Clara Basin/San Francisco Bay, South

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Clara Basin/San Francisco Bay, South   |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used San Jose Copper and Nickel study QA/QC. QA/QC requirement. Only data of higher overall level of information was used.                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used   |
| <b>Water Body-specific Information</b>   | Data = 3 years (97-2000)   |
| <b>Data used to assess water quality</b>                                       | Data = 604 samples total collectively for S.F. Bay south of the Dumbarton Bridge. Using the CTR standard, 1% (6) of the samples exceed it. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 2/97-12/00.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist according to the new Site Specific Objectives coming in Spring 2002, and place on the Watch List.                                   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List. Using the current CTR standards only 1% of 604 samples still exceed.                                   |



## Region 2

### San Pablo Basin/San Pablo Bay

|  |   |
|--|---|
| <b>Water Body</b>  | San Pablo Basin/San Pablo Bay   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |

## Region 2

### San Pablo Basin/San Pablo Bay

|  |  |
|--|--|
| <b>Water Body</b>  | San Pablo Basin/San Pablo Bay  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)   |
| <b>Data used to assess water quality</b>                                       | Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.  |

## Region 2

### Suisun Basin/Suisun Bay

|  |   |
|--|---|
| <b>Water Body</b>  | Suisun Basin/Suisun Bay   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Basin Plan used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)  |
| <b>Data used to assess water quality</b>                                       | Data = 466 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Since March 1993, there have been 6 exceedances, and there have been no exceedances of the objective since 1997. |
| <b>Spatial representation</b>  | Data was spatially collected.   |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Regional Board methods  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.   |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.   |

## Region 2

### Suisun Basin/Suisun Bay

|  |  |
|--|--|
| <b>Water Body</b>  | Suisun Basin/Suisun Bay  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Regional Monitoring Program (RMP) and Special TMDL study QA/QC. QA/QC requirement. Only data of higher overall level information used.                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nickel linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | California Toxics Rule (CTR) levels used   |
| <b>Water Body-specific Information</b>   | Data = 8 years (93-2001)   |
| <b>Data used to assess water quality</b>                                       | Data = 463 samples total collectively for S.F. Bay segments North of the Dumbarton Bridge. Using the CTR standard, there have been no exceedances since March of 1993. |
| <b>Spatial representation</b>  | Data was spatially collected.  |
| <b>Temporal representation</b>   | Data was collected from 3/93-4/01.   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Regional Board methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist and place on the Watch List.  |
| <b>SWRCB Staff Recommendation</b>  | Delist and place on the Watch List.  |

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## Water Bodies Proposed for the Watch List by Region 2

|  |                                 |
|--|---------------------------------|
| Carquinez Strait                             | Copper<br>Nickel<br>PAHs, PBDEs |
| Lake Merced                                  | Low Dissolved Oxygen            |
| Lake Merritt                                 | Low Dissolved Oxygen            |
| Novato Creek below Stafford Dam              | Sedimentation and Siltation     |
| Pilarcitos Creek below Pilarcitos Reservoir  | Sedimentation and Siltation     |
| Richardson Bay                               | PAHs, PBDEs                     |
| Sacramento-San Joaquin Delta                 | Copper<br>Nickel<br>PAHs, PBDEs |
| San Francisco Bay, Central                   | Copper<br>PAHs, PBDEs           |
| San Francisco Bay, Lower                     | Copper<br>Nickel<br>PAHs, PBDEs |
| San Francisco Bay, South                     | Copper<br>Nickel<br>PAHs, PBDEs |
| San Pablo Basin/Castro Cove, Richmond        | Toxicity                        |
| San Pablo Bay                                | Copper<br>Nickel<br>PAHs, PBDEs |
| South Bay Basin/Central Basin, San Francisco | Toxicity                        |

South Bay Basin/Oakland Inner Harbor  
(Fruitvale site)

Toxicity

South Bay Basin/Oakland Inner Harbor  
(Pacific Dry-dock Yard 1 site)

Toxicity

South Bay Basin/Redwood Creek, tidal  
portion (San Mateo County)

*E. coli*

South Bay Basin/San Leandro Bay

Toxicity

Suisun Bay

Copper

Nickel

PAHs, PBDEs

Urban Creeks, Lakes, and Shorelines

Trash

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# Regional Water Quality Control Board

## CENTRAL COAST REGION (3)



SECTION 303 (d) LIST PROPOSALS

## Region 3 Summary of Recommendations

| Water Body  | Pollutant/Medium<br>/Beneficial Use            | RWQCB<br>Recommendation | SWRCB<br>Recommendation |
|---|--|-------------------------|-------------------------|
| Alamo Creek   | Fecal coliform/water/REC 1                     | List                    | List                    |
| Alisal Creek  | Fecal coliform/water/REC 1                     | List                    | List                    |
| Atascadero Creek                                      | Dissolved<br>Oxygen/water/Aquatic Life         | List                    | List                    |
| Blosser Channel/Creek                                 | Fecal coliform/water/REC 1                     | List                    | List                    |
| Salinas River (Upper)                                 | Chloride/water/Drinking<br>Water BU            | List                    | List                    |
| San Lorenzo River Watershed-Branciforte<br>Creek      | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Fall Creek                | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Kings Creek               | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Love Creek                | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Mountain<br>Charlie Gulch | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Newell Creek<br>(Upper)   | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |
| San Lorenzo River Watershed-Zayante Creek             | Sedimentation/Siltation/Water/<br>Aquatic Life | List                    | List                    |

| <b>Water Body</b>                   | <b>Pollutant/Medium<br/>/Beneficial Use</b>   | <b>RWQCB<br/>Recommendation</b>                                | <b>SWRCB<br/>Recommendation</b>   |
|-------------------------------------|---|--|---|
| Chorro Creek                        | Metals/sediment/aquatic habitat uses  | Delist (Data outside waterbody)                                | Delist  |
| Estero Bay/Los Osos Creek           | Priority organics/Water--Sediment/Aquatic Life  | Delist   | Delist  |
| San Lorenzo River Lagoon            | Sediment/Siltation/water/Aquatic life   | Delist   | Delist (Impairment not due to delivery of sediment upstream sources, but due the established of a sandbar.) |
| San Luis Obispo Creek               | Priority organics/tissue/Fish Consumption   | Delist for Priority Organics (HCH and Chlordane, list for PCBs | Maintain Listing (not enough samples to warrant delisting)  |
| Majors Creek                        | Turbidity/water/MUN, WARM, COLD, SPWN   | No evidence to support listing                                 | Exclude from list   |
| Monterey Bay at Aquarium            | Dissolved Oxygen, temperature, total coliform, fecal coliform, enterococcus, total ammonia, nitrite, nitrate, phosphate, pH/water/all ocean-bay uses    | Do not list  | Exclude from list   |
| Pacific Ocean (various sites)       | Total coliform, E. coli, Enterococcus, nitrate, phosphate, sulfate, turbidity, Dissolved Oxygen, temperature, conductivity, pH/water/all ocean-bay uses | Do not list (Evidence does not support listing)                | Exclude from List   |
| Santa Barbara Channel/various sites | Total coliform, E. coli, Enterococcus, nitrite, phosphate, sulfate, turbidity, Dissolved Oxygen Temperature, conductivity and pH/water                  | Do not list (No QA)  | Exclude from list   |
| Selected sites in Monterey Bay      | Nickel, chromium, arsenic/sediment/Aquatic Life   | Do not list  | Exclude from list   |

Summary of Recommendations 3-2

| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b>                                     | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>         |
|--|---|---|---|
| Upper Salinas River/tributaries  | Temperature, nutrients,<br>turbidity, Dissolved<br>Oxygen/sediment/Aquatic Life | Do not list (no QA and not enough<br>data to determine water quality<br>conditions)       | Exclude from list                       |
| Santa Ynez watershed, San Antonio<br>watershed, Santa Maria Watershed, Salinas<br>watershed and San Benito Watershed | No additional impairments   | Do not list (no additional<br>impairments)  | Exclude from list                       |
| Carpinteria  | Virus/water/REC1  | Do not list   | Exclude from list                       |
| City College Beach (Leadbetter Beach)  | Virus/water/REC1  | Do not list   | Exclude from list                       |
| Mission Creek Beach  | Virus/water/REC1  | Do not list   | Exclude from list                       |
| Arroyo Burro Beach   | Virus/water/REC1  | Do not list   | Exclude from list                       |
| Salinas River (upper)  | Sodium/water/Ag and<br>Drinking Water   | List  | List                                    |
| San Lorenzo Creek  | Fecal coliform/water/REC1   | List  | List                                    |
| San Luis Obispo Creek at the mouth   | Polychlorinated biphenyls<br>(PCBs)/tissue/Fish<br>Consumption                  | List (PCBs MTRLS exceedance in<br>fish tissue)/Watch List (not enough<br>samples to list) | Watch List (not enough samples to list) |
| Santa Maria River  | Fecal coliform/water/REC1   | List  | List                                    |
| Santa Maria River  | Nutrients<br>(nitrate)/water/Drinking Water<br>BU                               | List  | List                                    |
| Tembladero Slough  | Fecal coliform/water/REC1   | List  | List                                    |
| Tesquita Slough  | Fecal coliform/water/REC1   | List  | List                                    |
| San Lorenzo River Watershed -Bean Creek  | Sedimentation/Siltation/Water/<br>Aquatic Life                                  | List  | List                                    |

Summary of Recommendations 3-3

| <b>Water Body</b>                      | <b>Pollutant/Medium<br/>/Beneficial Use</b>       | <b>RWQCB<br/>Recommendation</b> | <b>SWRCB<br/>Recommendation</b> |
|--|---|---------------------------------|---------------------------------|
| San Lorenzo River Watershed-Bear Creek | Sedimentation/Siltation/Water/<br>Aquatic Life    | List                            | List                            |
| San Lorenzo River Watershed-Bear Creek | Sedimentation/Siltation/Water/<br>Aquatic Life    | List                            | List                            |
| Bradley Canyon Creek                   | Fecal coliform/water/REC1                         | List                            | List                            |
| Cholame Creek                          | Fecal coliform/water/REC1                         | List                            | List                            |
| Gabilan Creek                          | Fecal coliform/water/REC1                         | List                            | List                            |
| Llagas Creek                           | Fecal coliform/water/REC1                         | List                            | List                            |
| Llagas Creek                           | Chloride/water/Drinking<br>Water BU               | List                            | List                            |
| Llagas Creek                           | Dissolved<br>Oxygen/water/Aquatic Life            | List                            | List                            |
| Llagas Creek                           | Sodium/water/Aquatic Life                         | List                            | List                            |
| Llagas Creek                           | TDS/water/Aquatic life and<br>Agriculture         | List                            | List                            |
| Los Osos Creek                         | Dissolved<br>Oxygen/water/Aquatic Life            | List                            | List                            |
| Main Street Canal                      | Nutrients<br>(nitrate)/water/Drinking Water<br>BU | List                            | List                            |
| Nipomo Creek                           | Fecal coliform/water/REC1                         | List                            | List                            |
| Orcutt Solomon Creek                   | Fecal coliform/water/REC1                         | List                            | List                            |
| Olso Flaco Lake                        | Nutrients(Nitrate)/water/Drinki<br>ng Water BU    | List                            | List                            |

Summary of Recommendations 3-4



| <b>Water Body</b>                                      | <b>Pollutant/Medium<br/>/Beneficial Use</b>             | <b>RWQCB<br/>Recommendation</b> | <b>SWRCB<br/>Recommendation</b> |
|--|---|---------------------------------|---------------------------------|
| South Coast/Pacific Ocean @ Arroyo Quemado Beach       | Total coliform/water/Ocean Plan Shellfish Harvest, REC1 | List                            | List                            |
| South Coast/Pacific Ocean @ Arroyo Quemado Beach       | Fecal coliform/water/REC1                               | List                            | List                            |
| South Coast/Pacific Ocean @ Jalama Beach               | Total coliform/water/Ocean Plan Shellfish Harvest, REC1 | List                            | List                            |
| South Coast/Pacific Ocean @ Jalama Beach               | Fecal coliform/water/Ocean Plan Shellfish harvest, REC1 | List                            | List                            |
| South Coast/Pacific Ocean @ Mission Creek (East Beach) | Total coliform/water/Ocean Plan Shellfish Harvest, REC1 | List                            | List                            |
| South Coast/Pacific Ocean @ Mission Creek (East Beach) | Fecal coliform/water/Ocean Plan REC1                    | List                            | List                            |
| Pajaro River   | Fecal coliform/water/BP WQO                             | List                            | List                            |
| Quail Creek  | Fecal coliform/water/REC1                               | List                            | List                            |
| Salinas Reclamation Canal                              | Fecal coliform/water/REC1                               | List                            | List                            |

## Region 3

### Alamo Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Alamo Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC 1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Central Coast Ambient Monitoring Program (CCAMP) QA/QC methodology |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years  |
| <b>Data used to assess water quality</b>                                       | 14 bacterial samples, 8 samples exceeding (57%) WQO violations          |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Monthly sampling events   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Used Central Coast Ambient Monitoring Program (CCAMP) QA/QC methodology |
| <b>Potential Source(s) of Pollutant</b>  | Natural sources, Agriculture, Range Land                                |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Alisal Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Alisal Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC 1                                   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                             |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 6 bacteria samples, 5 samples exceeding (83%) WQO violations |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | sum, fall winter sampling events                             |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Natural Sources, Nonpoint sources, Agriculture |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Atascadero Creek

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|--|---|
| <b>Water Body</b>  | Atascadero Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/water/Aquatic Life                         |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Dissolved Oxygen is linked to Aquatic Life BU               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-3 year   |
| <b>Data used to assess water quality</b>                                       | 20 water samples, 13 samples exceeding (67%) WQO violations |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Monthly sampling events                                     |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                         |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Urban Runoff, Unknown Sources                  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Blosser Channel/Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Blosser Channel/Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC 1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                                       |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years   |
| <b>Data used to assess water quality</b>                                       | 10 Bacteria samples, 5 samples exceeding (50%) WQO violations          |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events, excluding the dry season.                     |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                                    |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Pasture Lands, Urban Runoff, Storm water, Natural Sources |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Salinas River (Upper)

|  |  |
|--|--|
| <b>Water Body</b>  | Salinas River (Upper)  |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/water/Drinking Water BU                             |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Chloride is linked to Agriculture and Drinking water BU      |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 42 water samples, 42 samples exceeding (100%) WQO violations |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Monthly sampling events                                      |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Urban Runoff, Pasture Lands                     |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed-Branciforte Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo River Watershed-Branciforte Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.   |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.  |
| <b>Data used to assess water quality</b>                                       | Rifle/Run Embeddedness = 60% samples exceed at Site 21a and 37.5% samples exceed at Site 21b. (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples   |
| <b>Temporal representation</b>   | Late spring-early summer  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Logging in upper watershed, improper/illegal  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### San Lorenzo River Watershed-Fall Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo River Watershed-Fall Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.   |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.  |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 47.5% samples exceed at Site 15. For Fine Sediment in Riffles = 40% samples exceed at Site 15 (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples   |
| <b>Temporal representation</b>   | Late spring-early summer  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Trail system in Fall State Park (stream mile 1 and above), bank erosion/slumping, Residential use, road, trails   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |



## Region 3

### San Lorenzo River Watershed-Kings Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed-Kings Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.   |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 52.5% sample exceed at site 19b. (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | Late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, residential use, roads and timber  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed-Love Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed-Love Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.   |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 44% samples exceed at Site L-1. For D50: 37 = 30mm sample at Site Z-8. (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | Late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, agriculture, residential use, roads and timber   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed-Mountain Charlie Gulch

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo River Watershed-Mountain Charlie Gulch  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.   |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.  |
| <b>Data used to assess water quality</b>                                       | Riffle/Run embeddedness = 40% samples exceed at Site 16b, 35% samples exceed at Site 16c. For Fine Sediments in Riffles = 38% samples exceed at Site Z-3. For D50: 37mm (minimum for a reach) = 11mm at Site Z-3. (Sample size unknown for all cases).Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples   |
| <b>Temporal representation</b>   | Late spring-early summer  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Residential use, timber, roads  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### San Lorenzo River Watershed-Newell Creek (Upper)

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed-Newell Creek (Upper)   |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.   |
| <b>Data used to assess water quality</b>                                       | Riffle/Run embeddedness = 40% samples exceed at Site 16b, 35% samples exceed at Site 16c (Sample size unknown for all cases).<br>Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | Late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, agriculture, residential use, roads and timber   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed-Zayante Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed-Zayante Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life protection  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data = 2 years (1998 and 1999), Samples collected from site.   |
| <b>Data used to assess water quality</b>                                       | Riffle/Run embeddedness = 45% samples exceed at Site 13a and 13b, 40% samples exceed at Site 13c, 54% samples exceed at Site Z-1, 47% samples exceed at Site Z-2, 39% samples exceed at Site Z-4, 42% samples exceed at Site Z-5, 46% samples exceed at Site Z-6. For Fine Sediments in Riffles = 40% samples exceed at Site 13b, 50% samples. Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. exceed at Site 13c, 45% samples exceed at Site 13d, 38% samples exceed at Site Z-1, 34% samples exceed at Site Z-2. For D50: 37mm (minimum for a reach) = 12mm at Site Z-1, 14mm at Site Z-2, 24mm at Site Z-5, 30mm at Site Z-7. (Sample size unknown for all cases) |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | Late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, agriculture, residential use, roads and timber   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Chorro Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Chorro Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Metals/sediment/aquatic habitat uses   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | CCAMP Methodologies  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Metal in sediment is linked to aquatic life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | New data points towards no impairment. Past assessment was based on two sample locations not in the waterway (Chorro Creek). |
| <b>Water Body-specific Information</b>   | Data from outside of water body  |
| <b>Data used to assess water quality</b>                                       | No new data  |
| <b>Spatial representation</b>  | Data from outside of water body  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | NA   |
| <b>Use of standard method</b>  | NA   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Siltation TMDL is expected to reduce metals loads  |
| <b>RWQCB Recommendation</b>  | Delist (Data outside waterbody)  |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 3

### Estero Bay/Los Osos Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Estero Bay/Los Osos Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Priority organics/Water--Sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Priority Organic linked to Aquatic life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | New data points towards no impairment. Most current data indicates WQO per CTR and BP are met.  |
| <b>Water Body-specific Information</b>   | Data 1 year old   |
| <b>Data used to assess water quality</b>                                       | Number of samples unknown, but results indicate chemical in concentrations below NOAA and ERMs. |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | one sample event  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | Delist  |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 3

### San Lorenzo River Lagoon

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo River Lagoon  |
| <b>Stressor/Media/Beneficial Use</b>   | Sediment/Siltation/water/Aquatic life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Santa Cruz of lower Lorenzo River (Philip Williams and Associates, et al, 1989). Unknown if QAPP used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Siltation is linked to Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Original listing appears to have been based on generic data that was not indicative of the conditions in the SLR Lagoon. The Lagoon Management Plan has established that problem within the lagoon are associated with the breaching of the sand bar that becomes established between the lagoon and Monterey Bay, and are not due to the delivery of sediment from upstream sources. |
| <b>Water Body-specific Information</b>   | Data 4 years old  |
| <b>Data used to assess water quality</b>                                       | No actual data  |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Unknown   |
| <b>Use of standard method</b>  | City of Santa Cruz, methods unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Due to the establishment of a sandbar and not from sediments upstream.  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist  |
| <b>SWRCB Staff Recommendation</b>  | Delist (Impairment not due to delivery of sediment upstream sources, but due the established of a sandbar.)   |



## Region 3

### San Luis Obispo Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | San Luis Obispo Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Priority organics/tissue/Fish Consumption                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | CCAMP Methodologies and QAQC                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to Fish Consumption BU                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTRs and MTRLs   |
| <b>Water Body-specific Information</b>   | Data 3 years old, species present, one time sample event       |
| <b>Data used to assess water quality</b>                                       | 1 composite sample, 1 sample exceeding for PCBs                |
| <b>Spatial representation</b>  | One site   |
| <b>Temporal representation</b>   | 1 sample events  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Delist for Priority Organics (HCH and Chlordane, list for PCBs |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (not enough samples to warrant delisting)     |

## Region 3

### Majors Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Majors Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Turbidity/water/MUN, WARM, COLD, SPWN  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Santa Cruz data, QAPP unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Heavy sedimentation affects drinking water quality and habitat functions   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Narrative objective: Waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses.   |
| <b>Water Body-specific Information</b>   | The City stated this watershed is experiencing increasingly frequent periods of high turbidity associated with the heavy sedimentation attributed to natural background erosion sources, the large network of unmaintained seasonal roads, log jam related stream bank erosions, feral pig activity and other factors. In addition to drinking water quality and production challenges posed by these conditions, the channel itself (especially the East Branch) is choked with sediment, thereby limiting habitat functions. |
| <b>Data used to assess water quality</b>                                       | The City complains of high turbidity associated with heavy sedimentation due to erosion, seasonal roads, log jam-related erosion, feral pigs, and other factors.   |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Unknown  |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Natural sources, erosion, unmaintained roads, log jams, stream bank erosion, feral pig activity  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | No evidence to support listing   |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### Monterey Bay at Aquarium

|  |  |
|--|--|
| <b>Water Body</b>  | Monterey Bay at Aquarium   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen, temperature, total coliform, fecal coliform, enterococcus, total ammonia, nitrite, nitrate, phosphate, pH/water/all ocean-bay uses |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Monterey Bay Aquarium  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Measurements related to Aquatic Life and REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Unknown  |
| <b>Water Body-specific Information</b>   | Unknown  |
| <b>Data used to assess water quality</b>                                       | Unknown  |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Unknown  |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Do not list  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### Pacific Ocean (various sites)

|  |  |
|--|--|
| <b>Water Body</b>  | Pacific Ocean (various sites)  |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform, E. coli, Enterococcus, nitrate, phosphate, sulfate, turbidity, Dissolved Oxygen, temperature, conductivity, pH/water/all ocean-bay uses                |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Santa Barbara Channel Keeper   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Measurements related to REC1 BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Unknown  |
| <b>Water Body-specific Information</b>   | Unknown  |
| <b>Data used to assess water quality</b>                                       | Data indicates high bacteria concentrations but not impairment. Data supplemented with data from SB County Public Health Dept., leading to three beaches to be listed. |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Unknown  |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Do not list (Evidence does not support listing)  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from List  |

## Region 3

### Santa Barbara Channel/various sites

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Barbara Channel/various sites  |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform, E. coli, Enterococcus, nitrite, phosphate, sulfate, turbidity, Dissolved Oxygen Temperature, conductivity and pH/water |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Santa Barbara County Creek Watchers (no QA Procedures)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to Aquatic Life, REC1 and Drinking Water  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Data indicates high bacteria concentration, but not enough samples to indicate impairment. In addition, QA procedures were not used.   |
| <b>Water Body-specific Information</b>   | Date 1 year old (collected during 01-02)   |
| <b>Data used to assess water quality</b>                                       | 250 sample events  |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | No QA  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Do not list (No QA)  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### Selected sites in Monterey Bay

|  |  |
|--|--|
| <b>Water Body</b>  | Selected sites in Monterey Bay   |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel, chromium, arsenic/sediment/Aquatic Life                        |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | 1998 Master Thesis by Anuraag Gill (San Lorenzo Valley Water District) |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Unknown  |
| <b>Water Body-specific Information</b>   | Unknown  |
| <b>Data used to assess water quality</b>                                       | Unknown  |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Natural geologic sources   |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Do not list  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### Upper Salinas River/tributaries

|  |  |
|--|--|
| <b>Water Body</b>  | Upper Salinas River/tributaries  |
| <b>Stressor/Media/Beneficial Use</b>   | Temperature, nutrients, turbidity, Dissolved Oxygen/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Las Tables Resource Conservation District (no QA/QP program provided)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Linked to Aquatic Life   |
| <b>Water Body-specific Information</b>   | Unknown  |
| <b>Data used to assess water quality</b>                                       | Most station only have one to two sampling event. The station with the highest number of samples had four sampling events. |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | Do not list (no QA and not enough data to determine water quality conditions)  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### Santa Ynez watershed, San Antonio watershed, Santa Maria

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Ynez watershed, San Antonio watershed, Santa Maria Watershed, Salinas watershed and San Benito Watershed             |
| <b>Stressor/Media/Beneficial Use</b>   | No additional impairments  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | USGS   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NA   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | narrative objective: Waters shall be free of changes in turbidity that cause nuisance or adversely affect beneficial uses. |
| <b>Water Body-specific Information</b>   | NA   |
| <b>Data used to assess water quality</b>                                       | NA   |
| <b>Spatial representation</b>  | NA   |
| <b>Temporal representation</b>   | NA   |
| <b>Data type</b>   | NA   |
| <b>Use of standard method</b>  | NA   |
| <b>Potential Source(s) of Pollutant</b>  | NA   |
| <b>Alternative Enforceable Program</b>   | NA   |
| <b>RWQCB Recommendation</b>  | Do not list (no additional impairments)  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |



## Region 3

### Carpinteria

|  |  |
|--|--|
| <b>Water Body</b>  | Carpinteria  |
| <b>Stressor/Media/Beneficial Use</b>   | Virus/water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Virus detection methodology not conclusive enough to indicate a virus problem, 30% of the samples has positive results for presence of a virus. There are too few virus data points during the most sensitive period (typically winter for pathogens). |
| <b>Water Body-specific Information</b>   | Unknown  |
| <b>Data used to assess water quality</b>                                       | Unknown  |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Unknown  |
| <b>Use of standard method</b>  | Not approved methodologies   |
| <b>Potential Source(s) of Pollutant</b>  |  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Do not list  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list  |

## Region 3

### City College Beach (Leadbetter Beach)

|  |   |
|--|---|
| <b>Water Body</b>  | City College Beach (Leadbetter Beach)   |
| <b>Stressor/Media/Beneficial Use</b>   | Virus/water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | No QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | These water bodies are already covered by the existing 303(d) list. Bacteria and pathogen improvements recommended through TMDLs for these waters will also result in virus improvement |
| <b>Water Body-specific Information</b>   | Unknown   |
| <b>Data used to assess water quality</b>                                       | Unknown   |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Unknown   |
| <b>Use of standard method</b>  | Not an approved methodology.  |
| <b>Potential Source(s) of Pollutant</b>  |   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Do not list   |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list   |

## Region 3

### Mission Creek Beach

|  |   |
|--|---|
| <b>Water Body</b>  | Mission Creek Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Virus/water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | No QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | These water bodies are already covered by the existing 303(d) list. Bacteria and pathogen improvements recommended through TMDLs for these waters will also result in virus improvement |
| <b>Water Body-specific Information</b>   | Unknown   |
| <b>Data used to assess water quality</b>                                       | Unknown   |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Unknown   |
| <b>Use of standard method</b>  | Not an approved methodology.  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Do not list   |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list   |

## Region 3

### Arroyo Burro Beach

|  |   |
|--|---|
| <b>Water Body</b>  | Arroyo Burro Beach  |
| <b>Stressor/Media/Beneficial Use</b>   | Virus/water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | No QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | These water bodies are already covered by the existing 303(d) list. Bacteria and pathogen improvements recommended through TMDLs for these waters will also result in virus improvement |
| <b>Water Body-specific Information</b>   | Unknown   |
| <b>Data used to assess water quality</b>                                       | Unknown   |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Unknown   |
| <b>Use of standard method</b>  | Not an approved methodology.  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Do not list   |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list   |

## Region 3

### Salinas River (upper)

|  |  |
|--|--|
| <b>Water Body</b>  | Salinas River (upper)  |
| <b>Stressor/Media/Beneficial Use</b>   | Sodium/water/Ag and Drinking Water                           |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sodium is linked to Agriculture and Drinking water BU        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 32 water samples, 32 samples exceeding (100%) WQO violations |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Monthly sampling events                                      |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Urban Runoff, Pasture Lands                     |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years  |
| <b>Data used to assess water quality</b>                                       | 15 bacteria samples, 9 samples exceeding (60%) WQO violations, Station LOK 15 samples exceeding (100% violations) |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Monthly sampling events   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above   |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Urban Runoff, Pasture Lands and Natural Sources  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### San Luis Obispo Creek at the mouth

|  |   |
|--|---|
| <b>Water Body</b>  | San Luis Obispo Creek at the mouth  |
| <b>Stressor/Media/Beneficial Use</b>   | Polychlorinated biphenyls (PCBs)/tissue/Fish Consumption  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology, TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | PCB MTRs linked to Fish Consumption.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTR for MTRs in freshwater  |
| <b>Water Body-specific Information</b>   | Data 1 year old, data collected at site (composite sample of 20 whole fish), species present at site, one time sample event |
| <b>Data used to assess water quality</b>                                       | 1 composite sample, 1 Sample exceeding  |
| <b>Spatial representation</b>  | One sample (composite of 20 fish)   |
| <b>Temporal representation</b>   | One time sampling event in spring   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown Sources   |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List (PCBs MTRs exceedance in fish tissue)/Watch List (not enough samples to list)  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (not enough samples to list)   |

## Region 3

### Santa Maria River

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Maria River  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years   |
| <b>Data used to assess water quality</b>                                       | 33 bacteria samples, 17 samples exceeding (52%) WQO violations |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | 3 Stations   |
| <b>Data type</b>   | Monthly sampling events  |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Urban Runoff, Agriculture, Natural Sources      |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 3

### Santa Maria River

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|  |  |
|--|--|
| <b>Water Body</b>  | Santa Maria River  |
| <b>Stressor/Media/Beneficial Use</b>   | Nutrients (nitrate)/water/Drinking Water BU                  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nutrient (Nitrate) linked to Drinking water BU               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1 year  |
| <b>Data used to assess water quality</b>                                       | 23 water samples, 23 samples exceeding (100%) WQO violations |
| <b>Spatial representation</b>  | 2-3 sites  |
| <b>Temporal representation</b>   | Monthly sampling events                                      |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Agriculture and Pasture Lands                  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Tembladero Slough

|  |   |
|--|---|
| <b>Water Body</b>  | Tembladero Slough   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                     |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU                              |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years  |
| <b>Data used to assess water quality</b>                                       | 8 bacterial samples, 5 samples exceeding (63%) WQO violations |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Monthly sampling events                                       |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                           |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Urban Runoff, Agriculture, Natural Sources     |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Tesquita Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Tesquita Slough  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 4-5 years   |
| <b>Data used to assess water quality</b>                                       | 16 bacteria samples, 10 samples exceeding (63%) WQO violations |
| <b>Spatial representation</b>  | 1 station  |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Nonpoint Sources and Natural Sources              |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed -Bean Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed -Bean Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data 1-3 years old, Samples collected from site, one time sample event.  |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 50% samples exceed at site 14a, 60% samples exceed at site 14b, 52% samples exceed at Site B-1, 50% samples exceeded at Site B-2, 60% samples exceeded at Site B-3 and 49% samples exceeded at B-4. For Fine Sediment in Riffles 45% exceeded at Site 14a, 42% samples exceeded at Site B-2 and 55% samples exceeded at Site B-3. For D50: 37mm (minimum for a reach) 24mm for site B-1, 25mm for site B-2 and 6mm for Site B-3 (Sample size is unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, residential use, roads, quarry   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### San Lorenzo River Watershed-Bear Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Lorenzo River Watershed-Bear Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.   |
| <b>Water Body-specific Information</b>   | Data 1-3 years old, Samples collected from site, one time sample event.   |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 37.5% samples exceed at site 18a, and 40% samples exceed at site 18b. (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples   |
| <b>Temporal representation</b>   | late spring-early summer  |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, residential use, vineyards and timber   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### San Lorenzo River Watershed-Bear Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Lorenzo River Watershed-Bear Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Siltation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Data quality assurance procedures used. Assessment made of the consistency of methods used.  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Geomorphological data linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Sedimentation can directly affect aquatic life.  |
| <b>Water Body-specific Information</b>   | Data 1-3 years old, Samples collected from site, one time sample event.  |
| <b>Data used to assess water quality</b>                                       | Riffle/Run Embeddedness = 40% samples exceed at Site 17a, 37.5% samples exceed at Site 17b and 45% samples exceed at Site 17c. (Sample size unknown in all cases). Data showed impacts on fish population due to sedimentation/siltation in 1998 and 1999. |
| <b>Spatial representation</b>  | Zig-Zag sample design, 10 samples  |
| <b>Temporal representation</b>   | late spring-early summer   |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Improper/illegal grading of private roads and home sites, lack of vegetation around home sites, residential use, recreation and timber   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Bradley Canyon Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Bradley Canyon Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years  |
| <b>Data used to assess water quality</b>                                       | 25 Bacteria samples, 15 samples exceeding (60% WQO violations)          |
| <b>Spatial representation</b>  | 3 Stations  |
| <b>Temporal representation</b>   | Monthly sampling events, excluding the dry season.                      |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                                     |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Pasture Lands , Urban Runoff, Storm water, Natural Sources |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Cholame Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Cholame Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 10 bacterial samples, 8 samples exceeding (80% WQO violations) |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events, excluding the dry season.             |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Pasture lands, nonpoint sources, natural sources               |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 3

### Gabilan Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Gabilan Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                            |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years  |
| <b>Data used to assess water quality</b>                                       | 6 bacteria samples, 6 sample exceeding (100% WQO violation) |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Spring and winter sampling events                           |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                         |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Natural Sources, Nonpoint sources             |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Llagas Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Llagas Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 3-4 years   |
| <b>Data used to assess water quality</b>                                       | 41 bacteria samples, 26 samples exceeding (63% WQO violations) |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Pasture lands, nonpoint sources, natural sources               |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Llagas Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Llagas Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/water/Drinking Water BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used South County Regional Wastewater Authority (SCRWA) QA/QC methodology |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Chloride is linked to Agriculture and Drinking water BU                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Site-specific WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-10 years   |
| <b>Data used to assess water quality</b>                                       | 78 water samples, 78 samples exceeding (100% WQO violations)              |
| <b>Spatial representation</b>  | 4 Stations  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                                       |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint and point sources  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Llagas Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Llagas Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/water/Aquatic Life                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SCRWA QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Dissolved Oxygen is linked to Aquatic Life BU                |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-4 years   |
| <b>Data used to assess water quality</b>                                       | 128 water samples, 84 samples exceeding (66% WQO violations) |
| <b>Spatial representation</b>  | 4 Stations   |
| <b>Temporal representation</b>   | Quarterly sampling events                                    |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint and point sources, Unknown sources                  |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Llagas Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Llagas Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Sodium/water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SCRWA QA/QC methodology  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sodium is linked to Agriculture, Aquatic Life and Drinking water BU |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-10 years   |
| <b>Data used to assess water quality</b>                                       | 78 water samples, 60 sample exceeding (77%) WQO violations          |
| <b>Spatial representation</b>  | 4 Stations  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                                 |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint and unknown sources  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Llagas Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Llagas Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | TDS/water/Aquatic life and Agriculture                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SCRWA QA/QC methodology                                |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | TDS is linked to Aquatic Life and Agriculture BU            |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data age = 2-4 years  |
| <b>Data used to assess water quality</b>                                       | 90 water samples, 90 sample exceeding (100% WQO violations) |
| <b>Spatial representation</b>  | 4 Stations  |
| <b>Temporal representation</b>   | Quarterly sampling events                                   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                         |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint and point sources                                  |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### Los Osos Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Los Osos Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/water/Aquatic Life                                  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Morro Bay National Monitoring Program (MBNMP) QA/QC methodology |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Dissolved Oxygen is linked to Aquatic Life BU                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 3-7   |
| <b>Data used to assess water quality</b>                                       | 359 water samples, 253 samples exceeding (64% WQO violations)        |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Sampled during all seasons.  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                                  |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Urban Runoff, Pasture Lands, Unknown Sources            |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Main Street Canal

|  |  |
|--|--|
| <b>Water Body</b>  | Main Street Canal  |
| <b>Stressor/Media/Beneficial Use</b>   | Nutrients (nitrate)/water/Drinking Water BU                |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                               |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nitrate linked to Drinking Water BU                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years                                       |
| <b>Data used to assess water quality</b>                                       | 10 water samples, 6 samples exceeding (60% WQO violations) |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events                                    |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                        |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, Nonpoint Sources and Urban Runoff             |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 3

### Nipomo Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Nipomo Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years   |
| <b>Data used to assess water quality</b>                                       | 25 bacteria samples, 18 exceeding samples (72% WQO violations) |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above.                           |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Agriculture, Natural Sources                     |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Orcutt Solomon Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Orcutt Solomon Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                     |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                                 |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years   |
| <b>Data used to assess water quality</b>                                       | 50 bacteria samples, 31 samples exceeding (62% WQO violations)   |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                              |
| <b>Potential Source(s) of Pollutant</b>  | Pasture lands, nonpoint sources, natural sources and Agriculture |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Olso Flaco Lake

|  |  |
|--|--|
| <b>Water Body</b>  | Olso Flaco Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Nutrients(Nitrate)/water/Drinking Water BU                   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Unknown  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-2 years   |
| <b>Data used to assess water quality</b>                                       | 55 water samples, 55 samples exceeding (100% WQO violations) |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Monthly sampling events                                      |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture and nonpoint sources                             |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### South Coast/Pacific Ocean @ Arroyo Quemado Beach

|  |  |
|--|--|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Arroyo Quemado Beach                         |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform/water/Ocean Plan Shellfish Harvest, REC1                  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used Santa Barbara County Public Health Dept. (SBCPHD) QA/QC methodology |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total coliform Linked to Shellfish Harvest BU                            |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-5 years   |
| <b>Data used to assess water quality</b>                                       | 250 bacteria samples, 213 samples exceeding (85% WQO violations)         |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                                      |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Agriculture, Nonpoint and natural sources                 |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### South Coast/Pacific Ocean @ Arroyo Quemado Beach

|  |   |
|--|---|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Arroyo Quemado Beach                |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                       |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SBCPHD QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1                                |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO exceedances                                      |
| <b>Water Body-specific Information</b>   | Data age = 1-5 years  |
| <b>Data used to assess water quality</b>                                       | 250 bacteria samples 143 samples exceeding (57% WQO violations) |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Monthly sampling events   |
| <b>Data type</b>   | Numerical data  |
| <b>Use of standard method</b>  | Yes, see data quality section above                             |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Agriculture, Nonpoint and natural sources        |
| <b>Alternative Enforceable Program</b>   | Unknown   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 3

### South Coast/Pacific Ocean @ Jalama Beach

|  |  |
|--|--|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Jalama Beach                         |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform/water/Ocean Plan Shellfish Harvest, REC1          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SBCPHD QA/QC methodology                                    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total coliform Linked to REC1 BU                                 |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO exceedances                                       |
| <b>Water Body-specific Information</b>   | Data age = 1-5 years   |
| <b>Data used to assess water quality</b>                                       | 222 bacteria samples, 118 samples exceeding (53% WQO violations) |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                              |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Agriculture, Nonpoint and natural sources         |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### South Coast/Pacific Ocean @ Jalama Beach

|  |  |
|--|--|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Jalama Beach                         |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/Ocean Plan Shellfish harvest, REC1          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SBCPHD QA/QC methodology                                    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to Shellfish Harvest                    |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Assembly Bill Beach Posting exceedances                          |
| <b>Water Body-specific Information</b>   | Data age = 1-5 years   |
| <b>Data used to assess water quality</b>                                       | 222 bacteria samples, 111 samples exceeding (50% WQO violations) |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                              |
| <b>Potential Source(s) of Pollutant</b>  | Pasture Lands, Agriculture, Nonpoint and natural sources         |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### South Coast/Pacific Ocean @ Mission Creek (East Beach)

|  |  |
|--|--|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Mission Creek (East Beach)           |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform/water/Ocean Plan Shellfish Harvest, REC1          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SBCPHD QA/QC methodology                                    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total coliform Linked to Shellfish Harvest BU                    |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Assembly Bill Beach Posting exceedances                          |
| <b>Water Body-specific Information</b>   | Data age = 1-6 years   |
| <b>Data used to assess water quality</b>                                       | 262 bacteria samples, 181 samples exceeding (69%) WQO violations |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                              |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Non point sources, Unknown sources, Agriculture    |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



### Region 3

#### South Coast/Pacific Ocean @ Mission Creek (East Beach)

|  |  |
|--|--|
| <b>Water Body</b>  | South Coast/Pacific Ocean @ Mission Creek (East Beach)                           |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/Ocean Plan REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used SBCPHD QA/QC methodology  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 1-6 years   |
| <b>Data used to assess water quality</b>                                       | 262 bacteria samples, 160 samples exceeding (61%) WQO violations                 |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above  |
| <b>Potential Source(s) of Pollutant</b>  | Urban Runoff, Agriculture, Natural Source, Non point sources and unknown sources |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Pajaro River

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|  |  |
|--|--|
| <b>Water Body</b>  | Pajaro River   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/BP WQO                                    |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 3-5 years   |
| <b>Data used to assess water quality</b>                                       | 11 bacteria samples, 10 samples exceeding (90%) WQO violations |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Pasture lands, Agriculture, and natural sources                |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Quail Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Quail Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                    |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU                             |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 6 bacteria samples, 4 samples exceeding (63%) WQO violations |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Spring and winter sampling events                            |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                          |
| <b>Potential Source(s) of Pollutant</b>  | Pasture lands, Agriculture, and natural sources              |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 3

### Salinas Reclamation Canal

|  |  |
|--|--|
| <b>Water Body</b>  | Salinas Reclamation Canal                                      |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/water/REC1                                      |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Used CCAMP QA/QC methodology                                   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform Linked to REC1 BU                               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data age = 2-3 years   |
| <b>Data used to assess water quality</b>                                       | 37 bacteria samples, 33 samples exceeding (89%) WQO violations |
| <b>Spatial representation</b>  | 3 Stations   |
| <b>Temporal representation</b>   | Monthly sampling events  |
| <b>Data type</b>   | Numerical data   |
| <b>Use of standard method</b>  | Yes, see data quality section above                            |
| <b>Potential Source(s) of Pollutant</b>  | Urban runoff, Pasture Lands, Natural Sources and Agriculture   |
| <b>Alternative Enforceable Program</b>   | Unknown  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Reference List for Region 3

### ***Staff Report***

California Regional Water Quality Control Board. Central Coast Region. 2001. Staff Report for the Regular Meeting of October 26, 2001. Subject: Changes to 303(d) List of Impaired Water Bodies. October 4, 2001.

### ***Contacts***

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Don Funk. Upper Salinas-Las Tablas Resource Conservation District/Upper Salinas Watershed Coalition

Eric Kingsley, Water Quality Specialist. Monterey Bay Aquarium

Jessica Altstatt. Santa Barbara Channel Keeper

Jill Carlson. Santa Barbara County Creek Watchers

John Hunt, Research Specialist.

Nina Gill. (Masters Thesis)

Patricia A Shiffer. United States Geological Survey

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U.S. Department of the Air Force.

### ***Regional Board Documents/Data***

Al Haynes. San Lorenzo Water District

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Danial Reid, Project Manager. Public Health Department, Environmental Health Services

Danial Reid, Project Manager. Santa Barbara County, Public Health Department, Environmental Health Services

David Smith. United States Environmental Protection Agency

Drew Bohan, Executive Director. Santa Barbara Channel Keeper

Heal the Ocean, September 13, 2001.

James Nelson, President Board of Directors. San Lorenzo Water District

Jodi Frediani, Executive Director. Citizens for Responsible Forest Management

Kevin Collins, Board President. Lompico Watershed Conservancy

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Patricia Anderson, Associate Fishery Biologist. California Department of Fish and Game

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# Regional Water Quality Control Board

## LOS ANGELES REGION (4)



SECTION 303 (d) LIST PROPOSALS

## Region 4 Summary of Recommendations

| Water Body  | Pollutant/Medium<br>/Beneficial Use                 | RWQCB<br>Recommendation  | SWRCB<br>Recommendation  |
|---|---|--|--|
| Ballona Creek Estuary   | Aroclor/Tissue/Aquatic Life                         | Delist (Listed for PCBs)   | Maintain Listing (Data presented does not support delisting because it is unrelated to PCBs or Aroclor in tissue). |
| Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                                   | Fecal Coliform/Water/REC1                           | List   | List   |
| Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                                   | Nitrate as Nitrate/Water/groundwater recharge       | List   | List   |
| Conejo Creek R9A (tributary to Calleguas Creek) (Lower part of Former Conejo Creek R 1) | Stressor unknown/Water column toxicity/Aquatic Life | Delist (Result from testing one site downstream of Camrosa WWTP for chronic water column toxicity using fathead minnow and Ceriodaphnia) | Maintain Listing (Need more data to delist. Information from toxicity testing is unclear).                         |
| Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                                   | Dissolved Oxygen/Water/Aquatic Life                 | Delist (Meets Basin Plan objective for dissolved oxygen)   | Delist   |
| Calleguas Creek R9B, Conejo Creek Main Stem   | Fecal Coliform/Water/REC1                           | List   | List   |
| Ballona Creek   | Arsenic/Tissue/Aquatic Life                         | Delist (There is not an MTRL for arsenic)  | Delist   |
| Ballona Creek   | Chem A/Tissue/Aquatic Life                          | Delist (Listed on old NAS guideline, which are no longer represent valid assessment guidelines)  | Maintain Listing until new or alternate comparison value is available.   |
| Ballona Creek   | Copper/Tissue/Aquatic Life                          | Delist (EDLs not a valid assessment guideline)   | Delist (EDLs not linked to Beneficial Uses)  |
| Ballona Creek   | Lead/Tissue/Aquatic Life                            | Delist (EDLs not a valid assessment guideline)   | Delist (EDLs not linked to Beneficial Uses)  |



| <b>Water Body</b>                                 | <b>Pollutant/Medium<br/>/Beneficial Use</b>                                    | <b>RWQCB<br/>Recommendation</b>                          | <b>SWRCB<br/>Recommendation</b>                   |
|---|--|--|---|
| Ballona Creek                                     | Silver/Tissue/Aquatic Life   | Delist (EDLs not a valid assessment guideline)           | Delist (EDLs not linked to Beneficial Uses)       |
| Ballona Creek                                     | TBT/sediment/Aquatic Life  | Delist (Not a valid assessment guidelines for TBT)       | Delist (MTRLs not linked to Aquatic Life)         |
| Avolon Beach-Santa Catalina Island                | Bacteria counts/Water/REC1   | List   | List  |
| Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon) | Chromium/Tissue/Aquatic Life   | Delist (EDLs is not longer a valid assessment guideline) | Delist  |
| Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon) | Nickel/Tissue/Aquatic Life   | Delist (EDLs is not longer a valid assessment guideline) | Delist  |
| Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon) | Silver/Tissue/Aquatic Life   | Delist (EDLs is not longer a valid assessment guideline) | Delist  |
| Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon) | Selenium/Tissue/Aquatic Life   | Delist (EDLs is not longer a valid assessment guideline) | Delist  |
| Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon) | Zinc/Tissue/Aquatic Life   | Delist (EDLs is not longer a valid assessment guideline) | Delist  |
| Ballona Wetland                                   | Arsenic/Tissue/Fish Consumption  | Delist (No longer an MTRLs for arsenic)                  | Delist  |
| Ballona Creek Watershed                           | pH/Water/Aquatic life, Warm freshwater habitat and wildlife habitat            | List   | List  |
| Ballona Creek Watershed                           | Dissolved Zinc/Water/Aquatic Life, warm water and freshwater, wildlife habitat | List (10% exceedance for zinc)                           | List  |
| Ballona Creek Watershed                           | Total Selenium/Water/Aquatic Life, warm water and freshwater, wildlife habitat | List (10% exceedances for total selenium)                | Watch List (Not enough samples exceeding to list) |

Summary of Recommendations 4-2

| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b>                                      | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>  |
|--|--|--|--|
| Ballona Creek Watershed  | Dissolved copper/Water/Aquatic Life, warm water and freshwater, wildlife habitat | List   | List   |
| Ballona Creek Watershed  | Dissolved lead/Water/Aquatic Life, warm water and freshwater, wildlife habitat   | List (10% exceedance for dissolved lead)   | List   |
| Castlerock Beach-Santa Monica Bay  | Total Coliform/Water/REC1  | List   | List   |
| Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2 (0.5 mi South Broome Rd to Potrero Rd) | Chem A/Tissue/Aquatic Life   | Delist (Based on NAS old guidelines, and can be listed using MTRLs exceedances)  | Maintain Listing (NAS guidelines are useful for Aquatic Life protection. Use this guideline until an alternate value available). |
| Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2 (0.5 mi South Broome Rd to Potrero Rd) | Dacthal/Tissue/Aquatic Life  | Delist (EDLs are no longer a valid assessment guideline)   | Delist (EDLs not linked to BU Protection)  |
| Calleguas Creek R2   | Fecal Coliform/Water/REC1  | List   | List   |
| Calleguas Creek R2   | Dissolved Copper/Water column/Aquatic Life                                       | List   | List   |
| Calleguas Creek R2   | Stressor unknown/Water column toxicity/Aquatic Life                              | Delist (Result from testing one site downstream of Camrosa WWTP for chronic water column toxicity using fathead minnow and Ceriodaphnia) | Delist   |
| Calleguas Creek R2   | DDT/Water column/Aquatic Life  | List   | List   |
| Calleguas Creek R4   | Fecal Coliform/Water/REC1  | List   | List (Enough samples exceeded the 400 MPN, however it is unclear how many samples exceeded 200 MPN)                              |
| Calleguas Creek R4, Revolon Slough   | Chloride/Water/Agriculture and Groundwater recharge                              | List   | Watch List (TMDL in progress)  |

Summary of Recommendations 4-3

| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b>   | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>  |
|--|---|---|--|
| Calleguas Creek R4, Revolon Slough                           | Boron/Water/Basin Plan WQO  | List  | List   |
| Calleguas Creek R4, Revolon Slough                           | Nitrate as<br>Nitrate/Water/Groundwater<br>recharge   | List  | List   |
| Revolon Slough Main Branch: Mugu Lagoon<br>to Central Avenue | Dacthal/sediment/ Aquatic Life  | Delist (No valid approved guidelines<br>for Dacthal)                              | Delist   |
| Revolon Slough Main Branch: Mugu Lagoon<br>to Central Avenue | Dacthal/Tissue/ Aquatic Life  | Delist (EDLs not a valid assessment<br>guideline)                                 | Delist   |
| Revolon Slough Main Branch: Mugu Lagoon<br>to Central Avenue | Chem A/Tissue/Aquatic Life  | Delist (NAS guidelines were old and<br>can be listed for exceedances of<br>MTRLs) | Maintain Listing until better guideline<br>is available.   |
| Calleguas Creek R4, Revolon Slough                           | Sulfate/Water/WQO for sulfate   | List  | List   |
| Calleguas Creek R4, Revolon Slough                           | TDS/Water/WQO   | List  | List   |
| Calleguas Creek R6, Arroyo Las Posas                         | Nitrate as<br>Nitrate/Water/Groundwater<br>recharge   | List  | List   |
| Calleguas Creek R6, Arroyo Las Posas                         | Fecal Coliform/Water/REC1   | List  | List   |
| Calleguas Creek-Arroyo Simi R7                               | No pollutant ID (TIE<br>implicated Diazinon and NH3<br>for water column<br>toxicity/Water /Aquatic Life | List (Water column toxicity which<br>affects aquatic life beneficial use)         | Exclude from list (More information is<br>required to determine listing, no<br>pollutant identified) |
| Calleguas Creek-Arroyo Simi R7                               | Fecal Coliform/Water/REC1   | List  | List   |
| Calleguas Creek R9A, Camrosa Diversion<br>(Conejo Creek)     | Nitrate as<br>Nitrogen/Water/groundwater<br>recharge  | List  | List   |

Summary of Recommendations 4-4

| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b>                      | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>   |
|--|--|--|---|
| Calleguas Creek R9A, Camrosa Diversion<br>(Conejo Creek) | Nitrite as<br>Nitrogen/Water/groundwater<br>recharge             | List   | List  |
| Calleguas Creek R10 (Conejo Creek, Hill<br>Canyon)       | Fecal Coliform/Water/REC1  | List   | List  |
| Calleguas Creek R10 (Conejo Creek, Hill<br>Canyon)       | Nitrate as<br>Nitrogen/Water/groundwater<br>recharge             | List (Greater than 10 % exceedance<br>of nitrite as nitrogen objective as<br>stated in Basin Plan)                       | Watch List (Not enough samples<br>exceeding to list)  |
| Calleguas Creek R10 (Conejo Creek, Hill<br>Canyon)       | Dissolved<br>Oxygen/Water/Aquatic Life<br>and warm water habitat | Delist (It meets the Basin Plan<br>objective for dissolved oxygen)   | Delist (Not enough exceeding samples<br>to continue listing)  |
| Calleguas Creek R10 (Conejo Creek, Hill<br>Canyon)       | Chloride/Water/ Agriculture                                      | List   | List  |
| Calleguas Creek Watershed-Conejo Creek<br>R9B            | Unnatural Foam and<br>Scum/Water/REC1,REC2,<br>Aquatic Life      | List (Non attainment of the narrative<br>objective for floating and settleable<br>materials objective in the Basin Plan) | Watch List (The cause of the foam and<br>scum may be caused by nutrient<br>enrichment but these pollutants are not<br>discussed. Unable to quantify<br>photographs in terms of aquatic life<br>protection). |
| Calleguas Creek Watershed                                | Sedimentation/sediment/Aquat<br>ic Life                          | List (Due to excessive sedimentation)  | Watch List (No data. Listing was based<br>on a narrative bioassessment report by<br>DFG)  |
| Calleguas Creek R11, Arroyo Santa Rosa                   | Fecal Coliform/Water/REC1  | List   | List  |
| Calleguas Creek R11, Arroyo Santa Rosa                   | Dissolved Oxygen/<br>Water/Warm water habitat                    | Delist (Waterbody meets the Basin<br>Plan objective for dissolved oxygen)  | Delist  |
| Calleguas Creek R13, Conejo Creek, South<br>Fork         | Chloride/Water/ Agriculture                                      | List (Numerical values linked to<br>Agriculture BU)  | List  |
| Los Cerritos Channel                                     | Chlordane/sediment/Aquatic<br>Life                               | List   | List  |

Summary of Recommendations 4-5

| Water Body   | Pollutant/Medium<br>/Beneficial Use  | RWQCB<br>Recommendation   | SWRCB<br>Recommendation  |
|--|--|---|--|
| Malibu Creek Watershed-Malibu Lagoon   | pH/Water/Aquatic Life  | List  | List   |
| Malibu Creek Watershed-Cold Creek  | Algae - REC1 and REC2, spawning, rare and endangered species, Aquatic Life, Warm and cold, wildlife freshwater habitat                                       | List (Observation of excessive algal growth-greater than 30% coverage, based on Biggs, 2000)                                | Watch List (Algae was identified as the stressor, unclear on the cause of algae growth. Cannot determine if a pollutant is the cause).           |
| Malibu Creek Watershed (Malibu Creek, Las Virgenes Creek, Triunfo Creek and Medea Creek) | Sedimentation/Water/ Aquatic Life  | List (Due to excessive sedimentation, Letter from DFG)  | List   |
| Malibu Creek Watershed-Malibu Creek  | Total Selenium/Water/Aquatic Life, warm and cold freshwater and wildlife habitat, rare and endangered sp., REC1 and 2, migration of aquatic org, spawn-repro | List (Greater than one exceedance of the total selenium chronic water quality criterion to protect freshwater aquatic life) | Watch List (Not adequate number of samples and the exceeding CTR/BP WQO criteria). Also, the 2 exceeding sample were in the same month and year. |
| Marina del Rey Harbor-Back Basin   | No stressor/Tissue/Aquatic Life  | Delist  | Maintain Listing (MTRLs not linked to Aquatic Life BU, no stressor identified)   |
| Marina del Rey Harbor-Back Basin   | TBT/Tissue/Aquatic Life  | Delist (EDLs no longer represent a valid assessment guideline)  | Delist   |
| Marina del Rey Harbor-Back Basin   | Zinc/Tissue/Aquatic Life   | Delist (EDLs does not represent a valid assessment guideline)   | Delist   |
| Marina del Rey Harbor-Back Basin   | Copper/Tissue/Aquatic Life   | Delist (EDLs does not represent a valid assessment guideline)   | Delist   |
| Marina del Rey Harbor-Back Basin   | Lead/Tissue/Aquatic Life   | Delist (EDLs does not represent a valid assessment guideline)   | Delist   |
| Marina del Rey Harbor-Back Basin   | DDT/sediment/Aquatic Life  | Delist (DDT sediment concentrations have dropped below ERM-PEL guidelines)  | Delist   |
| Marina del Rey Harbor-Back Basin   | PCBs/sediment/Aquatic Life   | List  | List   |

Summary of Recommendations 4-6

| <b>Water Body</b>          | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>  |
|----------------------------|---|---|--|
| Malibu Creek Watershed     | Sedimentation/Water/Aquatic Life            | List (Due to excessive sedimentation)   | List   |
| McGrath Lake               | Fecal Coliform/Water/REC1                   | List  | List   |
| McGrath Lake Estuary       | PCBs/sediment/Aquatic Life                  | List  | List   |
| McGrath Lake Estuary       | Dieldrin/sediment/ Aquatic Life             | List  | Watch List (Alternate enforcement program in place)  |
| McGrath Lake Estuary       | Total pesticides/sediment/ Aquatic Life     | Change in listing (Because individual chemical can be listed for exceedances of ERM-PELs)                   | Change in listing, (Chemicals can be listed individually)                                    |
| Malibou Lake               | Copper/Tissue/Aquatic Life                  | Delist (EDLs are not a represent valid assessment guidelines)   | Delist   |
| Malibou Lake               | Chlordane/Tissue/ Aquatic Life              | Delist (Based on one sample which is now below the MTRL and chlordane was not detected in 1997)             | Maintain Listing until more data is available.   |
| Malibou Lake               | PCB/Tissue/Aquatic Life                     | Delist (PCBs in tissue were not detected in 1992 and 1997)  | Delist   |
| Mugu Lagoon                | Dieldrin/Tissue/Aquatic life                | List (Exceedance in MTRLs)  | Watch List (MTRLs are not linked to Aquatic Life and listing based on one sample)            |
| Mugu Lagoon                | Dacthal/Tissue/Aquatic Life                 | Delist (No approved guidelines for Dacthal in tissue)   | Delist (Tissue samples not linked to Aquatic life BU and no approved guidelines for Dacthal) |
| Port Hueneme (back basins) | PAHs/sediment/Aquatic Life                  | Delist (PAHs appear to be low throughout most of the back basin area based on Army Corps of Engineers data) | Delist (Low pollutant concentration levels)  |

Summary of Recommendations 4-7

| <b>Water Body</b>                          | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>  |
|--|---|--|--|
| Port Hueneme (back basins)                 | TBT/Tissue and<br>sediment/Aquatic Life     | Delist (There are no tissue<br>assessment guidelines for TBT)  | Delist (No foundation for listing.<br>Measurement not applicable because<br>there are no tissue assessment<br>guidelines for TBT and sediment levels<br>are low) |
| Port Hueneme (back basins)                 | Zinc/Tissue and<br>sediment/Aquatic Life    | Delist (There are no tissue<br>assessment guidelines for zinc)   | Delist (Measurements for zinc in<br>sediment levels are low)   |
| Rio de Santa Clara/Oxnard Drain #3         | Chem A/Tissue/Fish<br>Consumption           | Delist (NAS guidelines were old and<br>individual compounds can be listed<br>for exceedances of MTRLS)   | Delist   |
| San Gabriel River Watershed-Reach 2        | Dissolved Zinc/Water/Aquatic<br>Life        | List (The waterbody has a greater<br>than 10% exceedance of dissolved<br>zinc recommended water criteria for<br>protection of fresh water aquatic life.) | List   |
| San Gabriel River Watershed-Reach 2        | Dissolved<br>copper/Water/Aquatic Life      | List   | List   |
| San Gabriel River Watershed-Coyote Creek   | Dissolved Zinc/Water/Aquatic<br>Life        | List   | List   |
| San Gabriel River Watershed-Coyote Creek   | Dissolved<br>copper/Water/Aquatic Life      | List   | List   |
| San Gabriel River Watershed-Coyote Creek   | Dissolved<br>Lead/Water/Aquatic Life        | List   | List   |
| San Gabriel River Watershed-Coyote Creek   | Total Selenium/Water/Aquatic<br>Life        | List   | List   |
| San Gabriel River Watershed-San Jose Creek | pH/Water/Aquatic Life                       | List (pH exceedance above 8.5)   | List   |
| San Gabriel River Watershed- Estuary       | Arsenic/Tissue/ Fish<br>Consumption         | Delist (There is no longer a MTRL<br>for arsenic)  | Delist   |

Summary of Recommendations 4-8

| <b>Water Body</b>  | <b>Pollutant/Medium<br/>/Beneficial Use</b>                                      | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>   |
|--|--|---|---|
| San Gabriel River Estuary  | Trash/Water/REC1 and 2,<br>wildlife  | List (Non-attainment of the narrative<br>objective for floating and settleable<br>materials objective described in the<br>basin plan) | Watch List (Alternative enforceable<br>program in place).                                 |
| San Gabriel Watershed- Estuary   | Ammonia as<br>Nitrogen/Water/Aquatic Life  | List  | List  |
| Santa Clara River Estuary  | Chem A/Tissue/no BU or<br>WQO presented  | Delist (Based on old NAS<br>Guidelines)   | Maintain Listing (NAS guideline<br>should be used until alternate value is<br>available). |
| Santa Clara River Estuary Beach  | Total Coliform/Water/REC1  | Delist  | Delist  |
| Santa Clara River Estuary Beach  | Fecal Coliform/Water/REC1  | Delist  | Delist  |
| Santa Clara River R 3 (Freeman Diversion to<br>Fillmore Street A)                                  | Nitrite and Nitrate as<br>Nitrogen/Water/Agriculture<br>and Groundwater recharge | List (Exceedances in Basin Plan<br>WQO for Nitrite as Nitrogen)   | Watch List (not enough exceeding<br>samples to list)                                      |
| Santa Clara River R 3 (Freeman Diversion to<br>Fillmore Street A)                                  | Nitrite as<br>Nitrogen/Water/Agriculture<br>and Groundwater Recharge             | List  | List  |
| Santa Clara River R 3 (Freeman Diversion to<br>Fillmore Street A)                                  | Total Dissolved<br>Solids/Water/Groundwater<br>Recharge and Agriculture          | List  | Exclude from list ( Not enough<br>exceeding samples to list)                              |
| Pole Creek/Canyon Tributary to Santa Clara<br>River R3 (Freeman Diversion to Fillmore<br>Street A) | Sulfate/Water/Agriculture  | List  | List  |
| Pole Creek/Canyon Tributary to Santa Clara<br>River R3 (Freeman Diversion to Fillmore<br>Street A) | TDS/Water/Agriculture  | List  | List  |
| Sespe Creek Tributary to Santa Clara River<br>Reach 3 (Freeman Diversion to Fillmore<br>Street A)  | Chloride/Water/Aquatic Life<br>and Agriculture                                   | List  | List  |

Summary of Recommendations 4-9



| <b>Water Body</b>   | <b>Pollutant/Medium<br/>/Beneficial Use</b>  | <b>RWQCB<br/>Recommendation</b>           | <b>SWRCB<br/>Recommendation</b>                    |
|---|--|---|--|
| Sespe Creek Tributary to Santa Clara River<br>Reach 3 (Freeman Diversion to Fillmore<br>Street A)                   | pH/Water/Aquatic Life and<br>Agriculture     | List                                      | List   |
| Hopper Creek Tributary to Santa Clara River<br>Reach 4 (Fillmore Street Blue Cut Gauging<br>Station)                | Sulfate/Water/Agriculture                    | List                                      | List   |
| Hopper Creek Tributary to Santa Clara River<br>Reach 4 (Fillmore Street Blue Cut Gauging<br>Station)                | TDS/Water/Agriculture                        | List                                      | List   |
| Piru Creek Tributary to Santa Clara River<br>Reach 4 (Fillmore A Street and Blue Cut<br>Gauging Station)            | pH/Water/Aquatic Life                        | List                                      | List   |
| Todd Barranca-Wheeler Creek/Canyon<br>Tributary to Santa Clara River R3 (Freeman<br>Diversion to Fillmore Street A) | Sulfate/Water/Agriculture                    | List                                      | List   |
| Todd Barranca-Wheeler Creek/Canyon<br>Tributary to Santa Clara River R3 (Freeman<br>Diversion to Fillmore Street A) | TDS/Water/Agriculture                        | List                                      | List   |
| LA Harbor-Consolidated Slip   | Arsenic/sediment/Aquatic Life<br>and COMM    | List (Due to exceedances of ERM-<br>PELs) | Watch List (BPTCP enforceable<br>program in place) |
| LA Harbor-Consolidated Slip   | Cadmium/sediment/Aquatic<br>Life             | List                                      | Watch List (BPTCP enforceable<br>program in place) |
| LA Harbor-Consolidated Slip   | Copper/sediment/Aquatic Life<br>and COMM BU  | List                                      | Watch List (BPTCP enforceable<br>program in place) |
| LA Harbor-Consolidated Slip   | Mercury/sediment/Aquatic<br>Life and COMM BU | List                                      | Watch List (BPTCP enforceable<br>program in place) |
| LA Harbor-Consolidated Slip   | Nickel/sediment/Aquatic Life<br>and COMM BU  | List                                      | Watch List (BPTCP enforceable<br>program in place) |

Summary of Recommendations 4-10

| <b>Water Body</b>           | <b>Pollutant/Medium<br/>/Beneficial Use</b>                                 | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>  |
|-----------------------------|---|--|--|
| LA Harbor-Consolidated Slip | Dieldrin/Tissue/COMM BU   | List   | Watch List (BPTCP enforceable program in place)  |
| LA Harbor-Consolidated Slip | Toxaphene/Tissue/COMM BU  | List (Due to exceedances in MTRLs)   | Watch List (BPTCP enforceable program in place)  |
| LA Harbor-Consolidated Slip | TBT/Tissue/COMM BU  | Delist (Listing was based on exceeding background levels rather than valid assessment of guidelines. Delisting applies to LA Harbor Consolidated Slip, Fish Harbor, Inner Breakwater and Main Channel) | Delist   |
| LA Harbor-Consolidated Slip | Zinc/Tissue/COMM BU   | Delist (Listing was based on exceeding background levels rather than valid assessment guidelines)  | Delist   |
| Los Angeles River Reach 1   | Total Aluminum/Water/Groundwater Recharge                                   | List   | List   |
| Los Angeles River Reach 1   | Dissolved Zinc/Water/aquatic life (warm-freshwater and wildlife habitat     | List (Greater than 10% exceedance of dissolved zinc acute and chronic water quality criteria for protection of freshwater aquatic life)  | List   |
| Los Angeles River Reach 1   | Dissolved Copper/ Water/aquatic life (warm-freshwater and wildlife habitat) | List (Greater than 10% exceedance of dissolved copper water quality criteria for protection of freshwater aquatic life)  | List   |
| Los Angeles River Reach 1   | Dissolved Cadmium/Water/Aquatic life, Warm, wildlife                        | List (Greater than 10% exceedance of dissolved and total cadmium water quality criteria for protection of freshwater aquatic life and potential drinking water sources.)                               | List for acute and chronic effects of CTR Cadmium concentrations in water to protect aquatic life BU. Not enough exceeding samples to list for Title 22 exceedances. |

| <b>Water Body</b>                             | <b>Pollutant/Medium<br/>/Beneficial Use</b>                             | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>  |
|---|---|---|--|
| Los Angeles River R5 (within Sepulveda Basin) | Chem A/Tissue/Aquatic Life  | Delist (Listing was based on old NAS guideline which no longer represent valid assessment guidelines) | Maintain listing (NAS guidelines are a valid assessment guideline and no new data presented) |
| Los Angeles River R5 (within Sepulveda Basin) | Chlorpyrifos/Tissue/ Aquatic Life                                       | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines)              | Delist   |
| Los Angeles River Estuary (Queensway Bay)     | Lead/sediment/Aquatic Life  | List  | List   |
| Los Angeles River Estuary (Queensway Bay)     | Chlordane/sediment/Aquatic Life   | List  | List   |
| Los Angeles River Estuary (Queensway Bay)     | DDT/sediment/Aquatic Life   | List  | List   |
| Los Angeles River Estuary (Queensway Bay)     | PCBs/sediment/Aquatic Life  | List (Due to exceedances of sediment quality guidelines ERM-PELs)                                     | Watch List (Not enough exceeding samples to list)  |
| Los Angeles Watershed R2-Dry Canyon Creek     | Fecal Coliform/Water/REC1   | List  | List   |
| Los Angeles Watershed R2-Dry Canyon Creek     | Total Selenium/Water/Aquatic Life, warm freshwater and wildlife habitat | List  | List   |
| Los Angeles River R2-McCoy Canyon Creek       | Nitrate as Nitrogen/Water/Groundwater recharge                          | List  | List   |
| Los Angeles River R2-McCoy Canyon Creek       | Fecal Coliform/Water/REC1   | List  | List   |
| Los Angeles River R2-McCoy Canyon Creek       | Total Selenium/Water/Aquatic Life, warm freshwater and wildlife habitat | List  | List   |
| Los Angeles River R2-McCoy Canyon Creek       | Nitrate as Nitrogen/Water/Groundwater recharge                          | List  | List   |

Summary of Recommendations 4-12

| <b>Water Body</b>                             | <b>Pollutant/Medium<br/>/Beneficial Use</b>      | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>  |
|---|--|--|--|
| Coyote Creek                                  | Silver/Tissue/Aquatic Life                       | Delist (Listing was based on EDL which no longer represents valid assessment guidelines.)  | Delist (MTRLs and EDLs not linked to Aquatic Life BU)  |
| Dominguez Channel Estuary (to Vermont)        | unknown pollutant/sediment toxicity/Aquatic Life | List   | Watch List (No pollutant identified and based on one sample only)  |
| Dominguez Channel Estuary (to Vermont)        | Copper/sediment/ Aquatic Life                    | List (Due to exceedances of ERM-PELs)  | Watch List (Alternative program in place).   |
| Dominguez Channel Estuary (to Vermont)        | Chlordane/sediment/ Aquatic Life                 | List (Due to exceedance in ERM-PELs)   | Watch List (Alternative program in place).   |
| Dominguez Channel Estuary (to Vermont)        | PCBs/sediment/ Aquatic Life                      | List (Due to exceedance in ERM-PELs)   | Watch List (Alternative program in place).   |
| Duck Pond Ag Drain/Mufu Drain/Oxnard Drain #2 | Chem A/Tissue/Aquatic Life                       | Delist ( Listing was based on NAS guidelines, which are outdated, and individual chemicals can be listed for exceedances in MTRLs) | Maintain Listing (MTRLs are not linked to Aquatic Life Protection, based on NAS guidelines that are old but not outdated and no new data was presented ) |
| Harbor Park Lake                              | Chem A/Tissue/Aquatic Life                       | Delist (Listing was based on NAS guidelines, which are outdated and no longer represent valid assessment guidelines.)              | Maintain Listing (NAS guideline is a valid assessment guideline and no new data was presented)   |
| Lake Calabastas                               | Copper/Tissue/Aquatic Life                       | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines)   | Delist   |
| Lake Calabastas                               | Zinc/Tissue/Aquatic Life                         | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines)   | Delist   |
| Lake Lindero                                  | Selenium/Tissue/Aquatic Life                     | Delist (Listing was based on MIS for trace elements, which are outdated and no longer represent valid assessment guidelines.)      | Maintain listing (Use guideline until replaced by better alternate. No data on selenium presented).  |

| <b>Water Body</b>   | <b>Pollutant/Medium<br/>/Beneficial Use</b> | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>                  |
|---|---|---|--|
| Colorado Lagoon   | Lead/Tissue/Aquatic Life                    | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines.) | Delist (No new data, old data was based on EDLs) |
| Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) | Chlordane/Tissue/COMM BU                    | List (Due to exceedances of MTRLs)  | List   |
| Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) | Dieldrin/Tissue/COMM BU                     | List (Due to exceedances of MTRLs)  | List   |
| Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) | HCH/Tissue/COMM BU                          | List (Due to exceedances of MTRLs)  | List   |
| Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) | PCBs/Tissue/COMM Life                       | List (Due to exceedances of MTRLs )   | List   |
| Conejo Creek R1, R2, R3, R4   | Dacthal/Tissue/COMM BU                      | Delist (Listing were based on EDLs which no longer represent valid assessment guideline)  | Delist   |
| Conejo Creek R1, R2, R3, R4   | Silver/Tissue/COMM BU                       | Delist (Listing were based on EDLs which no longer represent valid assessment guideline)  | Delist   |
| Conejo Creek R1, R2, R3, R4   | Cadmium/Tissue/COMM BU                      | Delist (Listing were based on EDLs which no longer represent valid assessment guideline)  | Delist   |
| Conejo Creek R1, R2, R3, R4   | Chromium/Tissue/COMM BU                     | Delist (Listing were based on EDLs which no longer represent valid assessment guideline)  | Delist   |
| Conejo Creek R1, R2, R3, R4   | Nickel/Tissue/COMM BU                       | Delist (Listing were based on EDLs which no longer represent valid assessment guideline)  | Delist   |
| Seaside Park  | Total Coliform/Water/REC1                   | List  | List   |

Summary of Recommendations 4-14

| <b>Water Body</b>   | <b>Pollutant/Medium<br/>/Beneficial Use</b>        | <b>RWQCB<br/>Recommendation</b>   | <b>SWRCB<br/>Recommendation</b>  |
|---|--|---|--|
| Channel Islands Harbor Beach and Hobie Beach                                    | Fecal Coliform/Water/REC1                          | List  | List   |
| Ormond (Industrial Drain- #43000)   | Beach Postings/Water/REC1                          | List  | List   |
| Peninsula Beach #23000  | Beach Postings/Water/REC1                          | List  | List   |
| Rincon Beach (Flagpole-#1050)   | Beach Postings/Water/REC1                          | List  | List   |
| Surfer's Point (Stables-#13000)   | Beach Postings/Water/REC1                          | List  | List   |
| San Buenventure Beach   | Total Coliform/Water/REC1                          | List  | List   |
| Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon) | Copper/Tissue/Aquatic Life                         | Delist (Listings were based on EDLs which do not represent valid assessment guidelines).  | Delist   |
| Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon) | Selenium/Tissue/Aquatic Life                       | Delist (Listings were based on EDLs which do not represent valid assessment guidelines)   | Delist   |
| Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon) | Silver/Tissue/Aquatic Life                         | Delist (Listings were based on EDLs which do not represent valid assessment guidelines)   | Delist   |
| Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon) | Zinc/Tissue/Aquatic Life                           | Delist (Listings were based on EDLs which do not represent valid assessment guidelines)   | Delist   |
| Ventura Estuary   | DDT/Tissue/Fish Consumption                        | Delist (Original listing appears to have been based on DDT concentrations found in shiner surf perch in 1993 (TSM); however, the level of 23 ppb of p,p'-DDE is below MTRL-which equals 32.0 ppb) | Delist (Listing was based on one sample and concentrations of DDE was below the MTRL). |
| Ventura Estuary   | Total coliform/Water/REC1 and shellfish harvesting | List  | List   |

| <b>Water Body</b>                         | <b>Pollutant/Medium<br/>/Beneficial Use</b>   | <b>RWQCB<br/>Recommendation</b>  | <b>SWRCB<br/>Recommendation</b>                                       |
|---|---|--|---|
| Ventura Estuary                           | Fecal coliform/Water/REC1<br>and shellfish harvesting   | List   | List  |
| Ventura River Watershed-Canada Larga      | Dissolved<br>Oxygen/Water/Aquatic Life<br>(warm-cold water and wildlife<br>habitat, spawning, repro and<br>migration) | List   | List  |
| Ventura River Watershed-Canada Larga      | Fecal Coliform/Water/REC1   | List   | List for Fecal Coliform and combined<br>(Fecal coliform and E. coli). |
| Ventura River Watershed-San Antonio Creek | Total nitrogen/Water/WQO  | List   | List  |
| Westlake Lake                             | Chlordane/Tissue/Fish<br>Consumption  | Delist (Listing was based on a tissue<br>concentration that now is below the<br>MTRLs)     | Delist  |
| Westlake Lake                             | Copper/Tissue/Fish<br>Consumption   | Delist (Listing based on EDLs which<br>no longer represent valid assessment<br>guidelines) | Delist  |

## Region 4

### Ballona Creek Estuary

|  |  |
|--|--|
| <b>Water Body</b>  | Ballona Creek Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Aroclor/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRL not linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Data used is not related to PCBs in tissue.  |
| <b>Water Body-specific Information</b>   | <i>Data 3-9 years old (persistent organic chemical), data measured in waterbody, Environmental conditions (fall, winter)</i> |
| <b>Data used to assess water quality</b>                                       | 49 sediment samples, number exceeding unknown  |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Fall/winter and different years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas.  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listed for PCBs)   |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (Data presented does not support delisting because it is unrelated to PCBs or Aroclor in tissue).           |



## Region 4

### Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO numerical exceedances                                   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 12 bacteria samples, 5 samples exceeding                               |
| <b>Spatial representation</b>  | 1 site (small Reach)   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                  |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrate/Water/groundwater recharge                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to groundwater recharge BU                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO numerical exceedances                                   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 6 samples exceeding                                  |
| <b>Spatial representation</b>  | 1 site only (Conejo Creek)   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

Region 4

Conejo Creek R9A (tributary to Calleguas Creek) (Lower part of

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R9A (tributary to Calleguas Creek) (Lower part of Former Conejo Creek R 1)  |
| <b>Stressor/Media/Beneficial Use</b>   | Stressor unknown/Water column toxicity/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | No stressor identified   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | No stressor ID, not applicable   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, during summer of 98 and 99  |
| <b>Data used to assess water quality</b>                                       | 26 water samples, number of samples exceeding is unclear   |
| <b>Spatial representation</b>  | One site   |
| <b>Temporal representation</b>   | Summer 98 and 99   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Result from testing one site downstream of Camrosa WWTP for chronic water column toxicity using fathead minnow and Ceriodaphnia) |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (Need more data to delist. Information from toxicity testing is unclear).   |

## Region 4

### Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/Water/Aquatic Life                                    |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to Aquatic Life                                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO numerical exceedances                                   |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 111 water samples, 6 sample exceeding                                  |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring (97-00)                                      |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | NPDES  |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Meets Basin Plan objective for dissolved oxygen)               |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Calleguas Creek R9B, Conejo Creek Main Stem

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R9B, Conejo Creek Main Stem   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO numerical, exceed 200-400 MPN/ml                                     |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons for 2 years  |
| <b>Data used to assess water quality</b>                                       | 12 bacteria samples, 3 samples exceeding the 400 MPN, Geomean of 243 exceed 200 MPN |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | All seasons during 98-99-   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Ballona Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek                                       |
| <b>Stressor/Media/Beneficial Use</b>   | Arsenic/Tissue/Aquatic Life                         |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs not linked to Aquatic Life                    |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs not applicable to Aquatic Life                |
| <b>Water Body-specific Information</b>   | No new data   |
| <b>Data used to assess water quality</b>                                       | Number of samples for old data unknown, no new data |
| <b>Spatial representation</b>  | Unknown: old data, no new data                      |
| <b>Temporal representation</b>   | Unknown: old data, no new data                      |
| <b>Data type</b>   | Numerical, no new data                              |
| <b>Use of standard method</b>  | TSMP Data   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (There is not an MTRL for arsenic)           |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Ballona Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NAS guidelines were old and exceedances in tissue measurements and not linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | NAS accepted applicability, but old. Also measurements are in tissue not water. No new data.    |
| <b>Water Body-specific Information</b>   | Unknown (not mentioned)   |
| <b>Data used to assess water quality</b>                                       | Number of samples for old data unknown, no new data   |
| <b>Spatial representation</b>  | Unknown: old data, no new data  |
| <b>Temporal representation</b>   | Unknown: old data, no new data  |
| <b>Data type</b>   | Numerical, no new data  |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listed on old NAS guideline, which are no longer represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing until new or alternate comparison value is available.                          |

## Region 4

### Ballona Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek                                       |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Aquatic Life                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to beneficial use impacts       |
| <b>Water Body-specific Information</b>   | Unknown   |
| <b>Data used to assess water quality</b>                                       | Number of samples for old data unknown, no new data |
| <b>Spatial representation</b>  | Unknown old data, no new data                       |
| <b>Temporal representation</b>   | Unknown: old data, no new data                      |
| <b>Data type</b>   | Numerical, no new data                              |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs not a valid assessment guideline)      |
| <b>SWRCB Staff Recommendation</b>  | Delist (EDLs not linked to Beneficial Uses)         |



## Region 4

### Ballona Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek                                       |
| <b>Stressor/Media/Beneficial Use</b>   | Lead/Tissue/Aquatic Life                            |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to beneficial use impacts       |
| <b>Water Body-specific Information</b>   | Unknown   |
| <b>Data used to assess water quality</b>                                       | Number of samples for old data unknown, no new data |
| <b>Spatial representation</b>  | Unknown old data, no new data                       |
| <b>Temporal representation</b>   | Unknown old data, no new data                       |
| <b>Data type</b>   | Numerical, no new data                              |
| <b>Use of standard method</b>  | Standard methods                                    |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs not a valid assessment guideline)      |
| <b>SWRCB Staff Recommendation</b>  | Delist (EDLs not linked to Beneficial Uses)         |

## Region 4

### Ballona Creek

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|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek                                       |
| <b>Stressor/Media/Beneficial Use</b>   | Silver/Tissue/Aquatic Life                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to beneficial use impacts       |
| <b>Water Body-specific Information</b>   | Unknown (not mentioned)                             |
| <b>Data used to assess water quality</b>                                       | Number of samples for old data unknown, no new data |
| <b>Spatial representation</b>  | Unknown old data, no new data                       |
| <b>Temporal representation</b>   | Unknown old data, no new data                       |
| <b>Data type</b>   | Numerical, no new data                              |
| <b>Use of standard method</b>  | Standard methods                                    |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs not a valid assessment guideline)      |
| <b>SWRCB Staff Recommendation</b>  | Delist (EDLs not linked to Beneficial Uses)         |

## Region 4

### Ballona Creek

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|  |  |
|--|--|
| <b>Water Body</b>  | Ballona Creek                                      |
| <b>Stressor/Media/Beneficial Use</b>   | TBT/sediment/Aquatic Life                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | No valid assessment guideline                      |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | No valid guideline for TBT in sediment             |
| <b>Water Body-specific Information</b>   | NA   |
| <b>Data used to assess water quality</b>                                       | NA   |
| <b>Spatial representation</b>  | NA   |
| <b>Temporal representation</b>   | NA   |
| <b>Data type</b>   | NA   |
| <b>Use of standard method</b>  | NA   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Not a valid assessment guidelines for TBT) |
| <b>SWRCB Staff Recommendation</b>  | Delist (MTRLs not linked to Aquatic Life)          |

## Region 4

### Avolon Beach-Santa Catalina Island

|  |   |
|--|---|
| <b>Water Body</b>  | Avolon Beach-Santa Catalina Island                    |
| <b>Stressor/Media/Beneficial Use</b>   | Bacteria counts/Water/REC1                            |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach Closures(bacteria) link to REC1                 |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Beach Closures applicable                             |
| <b>Water Body-specific Information</b>   | Age of data 2 years, collected at site                |
| <b>Data used to assess water quality</b>                                       | 1 closure in 32 days and 1 in 4 days, Posting 67 days |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources                            |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)        |
| <b>Stressor/Media/Beneficial Use</b>   | Chromium/Tissue/Aquatic Life                             |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP Data  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Beneficial uses                   |
| <b>Water Body-specific Information</b>   | NA   |
| <b>Data used to assess water quality</b>                                       | NA   |
| <b>Spatial representation</b>  | NA   |
| <b>Temporal representation</b>   | NA   |
| <b>Data type</b>   | NA   |
| <b>Use of standard method</b>  | TSMP Data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.             |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs is not longer a valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)        |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Tissue/Aquatic Life                               |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP Data  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Beneficial uses                   |
| <b>Water Body-specific Information</b>   | NA   |
| <b>Data used to assess water quality</b>                                       | NA   |
| <b>Spatial representation</b>  | NA   |
| <b>Temporal representation</b>   | NA   |
| <b>Data type</b>   | NA   |
| <b>Use of standard method</b>  | NA   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.             |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs is not longer a valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)        |
| <b>Stressor/Media/Beneficial Use</b>   | Silver/Tissue/Aquatic Life                               |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP Data  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Beneficial uses                   |
| <b>Water Body-specific Information</b>   | No data  |
| <b>Data used to assess water quality</b>                                       | No data  |
| <b>Spatial representation</b>  | No data  |
| <b>Temporal representation</b>   | No data  |
| <b>Data type</b>   | No data  |
| <b>Use of standard method</b>  | No data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.             |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs is not longer a valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)        |
| <b>Stressor/Media/Beneficial Use</b>   | Selenium/Tissue/Aquatic Life                             |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP Data)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use                        |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Beneficial uses                   |
| <b>Water Body-specific Information</b>   | No data  |
| <b>Data used to assess water quality</b>                                       | No data  |
| <b>Spatial representation</b>  | No data  |
| <b>Temporal representation</b>   | No data  |
| <b>Data type</b>   | No data  |
| <b>Use of standard method</b>  | No data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.             |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs is not longer a valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |



## Region 4

### Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)

|  |   |
|--|---|
| <b>Water Body</b>  | Arroyo Simi R1 (Moorpark Fwy (23) to Brea Canyon)   |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP Data)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Beneficial uses  |
| <b>Water Body-specific Information</b>   | Data 4-9 years old, Environmental data measured at site/waterbody, species/indicators present |
| <b>Data used to assess water quality</b>                                       | No data   |
| <b>Spatial representation</b>  | No data   |
| <b>Temporal representation</b>   | No data   |
| <b>Data type</b>   | No data   |
| <b>Use of standard method</b>  | No data   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs is not longer a valid assessment guideline)                                      |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Ballona Wetland

|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Wetland   |
| <b>Stressor/Media/Beneficial Use</b>   | Arsenic/Tissue/Fish Consumption   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP Data)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs linked to Fish Consumption  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs   |
| <b>Water Body-specific Information</b>   | Data 6 years old, Environmental data measured at site/waterbody, Species present, one-time sample |
| <b>Data used to assess water quality</b>                                       | 1 fish tissue sample, number exceeding unknown  |
| <b>Spatial representation</b>  | One sample only   |
| <b>Temporal representation</b>   | One sample event  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP Data   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (No longer an MTRLs for arsenic)   |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Ballona Creek Watershed

|  |  |
|--|--|
| <b>Water Body</b>  | Ballona Creek Watershed  |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic life, Warm freshwater habitat and wildlife habitat                                |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO exceeded for pH linked Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO in Basin Plan exceedances  |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, environmental data measured at site, samples collected during multiple seasons |
| <b>Data used to assess water quality</b>                                       | 40 water samples, 5 water samples exceeding  |
| <b>Spatial representation</b>  | Data was collected spatially along the creek.  |
| <b>Temporal representation</b>   | Fall and spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | LA County Stormwater Program   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources (possible sources include urban and stormwater runoff)                            |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Ballona Creek Watershed

|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek Watershed   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Zinc/Water/Aquatic Life, warm water and freshwater, wildlife habitat              |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Department of Public Works   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR Zinc Numerical link to BU list  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR criteria for zinc to protect aquatic life                                      |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, environmental data measured at site, samples collected multiple seasons |
| <b>Data used to assess water quality</b>                                       | 39 water samples, 5 water samples exceeded  |
| <b>Spatial representation</b>  | Data was collected spatially along the creek.   |
| <b>Temporal representation</b>   | Fall, spring, winter, summer in different years   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Los Angeles Department of Public Works  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources (possible sources include urban and stormwater runoff)                     |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (10% exceedance for zinc)  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Ballona Creek Watershed

|  |   |
|--|---|
| <b>Water Body</b>  | Ballona Creek Watershed   |
| <b>Stressor/Media/Beneficial Use</b>   | Total Selenium/Water/Aquatic Life, warm water and freshwater, wildlife habitat                                |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Department of Public Works   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR direct linked to Aquatic life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for selenium   |
| <b>Water Body-specific Information</b>   | Data 3-5 years old , data measured in waterbody, Environmental conditions (winter, spring in different years) |
| <b>Data used to assess water quality</b>                                       | 25 water samples, 3 samples exceeding   |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.   |
| <b>Temporal representation</b>   | Fall, spring, summer, winter in different years   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Los Angeles Department of Public Works  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources (Stormwater)   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (10% exceedances for total selenium)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Not enough samples exceeding to list)   |

## Region 4

### Ballona Creek Watershed

|  |  |
|--|--|
| <b>Water Body</b>  | Ballona Creek Watershed  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved copper/Water/Aquatic Life, warm water and freshwater, wildlife habitat                             |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Department of Public Works  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR direct linked to Aquatic life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTRs for copper   |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, data measured in waterbody, environmental conditions (winter, spring in different years) |
| <b>Data used to assess water quality</b>                                       | 38 water samples, 17 Sample exceeding acute criteria, 21 samples exceeding in chronic criteria               |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.  |
| <b>Temporal representation</b>   | Fall, spring, winter, summer in different years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | LA County Stormwater Program   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Ballona Creek Watershed

|  |  |
|--|--|
| <b>Water Body</b>  | Ballona Creek Watershed  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved lead/Water/Aquatic Life, warm water and freshwater, wildlife habitat                               |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Department of Public Works  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR Lead numerical linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTRs for lead   |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, data measured in waterbody, environmental conditions (winter, spring in different years) |
| <b>Data used to assess water quality</b>                                       | 38 water samples, 5 Sample exceeding   |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.  |
| <b>Temporal representation</b>   | Fall, spring, winter, summer in different years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | LA County Stormwater Program   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (10% exceedance for dissolved lead)   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Castlerock Beach-Santa Monica Bay

|  |  |
|--|--|
| <b>Water Body</b>  | Castlerock Beach-Santa Monica Bay  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Division of Environmental Health Services  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Rec1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Exceedance of Basin Plan WQO   |
| <b>Water Body-specific Information</b>   | Data 2 years old , data measured in waterbody, Environmental condition (2 season in same year) |
| <b>Data used to assess water quality</b>                                       | 17 bacteria samples, 13 samples exceeding  |
| <b>Spatial representation</b>  | limited  |
| <b>Temporal representation</b>   | Spring and Fall 2000   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Division of Environmental Health Services  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 4

### Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2 (0.5 mi South Broome Rd to Potrero Rd)                         |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Chemical Tissue based on NAS old guidelines, not based on MTRL or Linked to Fish Consumption                                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | NAS accepted applicability, but old. Also measurements are in tissue not water. No new data.                                     |
| <b>Water Body-specific Information</b>   | Data 5-8 years old, samples taken at site, species present, samples taken from summer during 2 years                             |
| <b>Data used to assess water quality</b>                                       | 4 tissue samples, 4 samples exceeding  |
| <b>Spatial representation</b>  | Data was collected spatially along the creek.  |
| <b>Temporal representation</b>   | Summer 94 and 97   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP Data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Based on NAS old guidelines, and can be listed using MTRLs exceedances)  |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (NAS guidelines are useful for Aquatic Life protection. Use this guideline until an alternate value available). |

## Region 4

### Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R1 (estuary to 0.5 mi South of Broome Rd.) and R2 (0.5 mi South Broome Rd to Potrero Rd) |
| <b>Stressor/Media/Beneficial Use</b>   | Dacthal/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Beneficial Use  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs in not applicable to BU   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | No data presented  |
| <b>Use of standard method</b>  | TSMP Data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs are no longer a valid assessment guideline)   |
| <b>SWRCB Staff Recommendation</b>  | Delist (EDLs not linked to BU Protection)  |

## Region 4

### Calleguas Creek R2

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R2   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical to linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical applicable to REC1 BU  |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons                         |
| <b>Data used to assess water quality</b>                                       | 34 bacterial samples, Geomean of 934 exceeds 200 MPN standard, 24 samples exceeding at 400 MPN |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R2

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R2  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Copper/Water column/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR (fresh and saltwater) numerical linked to Aquatic Life BU                                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTRs and Basin Plan WQO   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons                          |
| <b>Data used to assess water quality</b>                                       | 11 water samples, 7 samples exceeding for 4 days and 3 sample exceeding for 1 hr salt water std |
| <b>Spatial representation</b>  | 3 sites   |
| <b>Temporal representation</b>   | Summer/fall/winter of 98 and 99   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Calleguas Creek R2

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R2   |
| <b>Stressor/Media/Beneficial Use</b>   | Stressor unknown/Water column toxicity/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | no stressor identified   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | no stressor identified, not applicable   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, during summer of 98 and 99  |
| <b>Data used to assess water quality</b>                                       | 6 water samples, 0 mortality for toxicity test and 0 reproductive effects and/or growth inhibition                                       |
| <b>Spatial representation</b>  | One site   |
| <b>Temporal representation</b>   | Summer 98 and 99   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Result from testing one site downstream of Camrosa WWTP for chronic water column toxicity using fathead minnow and Ceriodaphnia) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Calleguas Creek R2

---

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R2   |
| <b>Stressor/Media/Beneficial Use</b>   | DDT/Water column/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR numerical linked to Aquatic Life BU                                |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTRs and Basin Plan WQO  |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 11 water samples, 7 samples exceeding                                  |
| <b>Spatial representation</b>  | 3 sites spatially representative of water body                         |
| <b>Temporal representation</b>   | Summer/fall/winter/spring for 98 and 99                                |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R4

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization/QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical applicable to REC1 BU   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons                              |
| <b>Data used to assess water quality</b>                                       | 12 bacteria samples, 6 number exceeding 400 MPN   |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Farms, septic, percolation  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List (Enough samples exceeded the 400 MPN, however it is unclear how many samples exceeded 200 MPN) |

## Region 4

### Calleguas Creek R4, Revolon Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R4, Revolon Slough   |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/Water/Agriculture and Groundwater recharge  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to Agriculture and Ground Water   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO exceedances for Chloride are applicable to Groundwater recharge and Agriculture |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, data measured at site , measured during all seasons                        |
| <b>Data used to assess water quality</b>                                       | 15 water samples, 12 samples exceeding   |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring of 97-99   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   | Calleguas Creek Chloride TMDL 2001   |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (TMDL in progress)  |



## Region 4

### Calleguas Creek R4, Revolon Slough

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R4, Revolon Slough                                    |
| <b>Stressor/Media/Beneficial Use</b>   | Boron/Water/Basin Plan WQO  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                 |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO exceeded for Boron                                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO exceedances for Boron                                  |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 13 water samples, 11 samples exceeding                                |
| <b>Spatial representation</b>  | 2 sites   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring of 98-99                                    |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Calleguas Creek R4, Revolon Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R4, Revolon Slough                                     |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrate/Water/Groundwater recharge                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to Groundwater Recharge BU                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances  |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 43 water samples, 38 samples exceeding                                 |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Revolon Slough Main Branch: Mugu Lagoon to Central Avenue

|  |   |
|--|---|
| <b>Water Body</b>  | Revolon Slough Main Branch: Mugu Lagoon to Central Avenue |
| <b>Stressor/Media/Beneficial Use</b>   | Dacthal/sediment/ Aquatic Life                            |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage to Aquatic Life BU                                |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | No valid guideline for Dacthal in sediment                |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | No data presented   |
| <b>Use of standard method</b>  | No data presented   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.              |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (No valid approved guidelines for Dacthal)         |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Revolon Slough Main Branch: Mugu Lagoon to Central Avenue

|  |  |
|--|--|
| <b>Water Body</b>  | Revolon Slough Main Branch: Mugu Lagoon to Central Avenue  |
| <b>Stressor/Media/Beneficial Use</b>   | Dacthal/Tissue/ Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not applicable to Aquatic Life BU   |
| <b>Water Body-specific Information</b>   | Data 5-8 years old, sample taken at site, species present, sample taken from summer during 2 years |
| <b>Data used to assess water quality</b>                                       | 2 tissue samples, 2 numbers exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Summer 1994 and 1997   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP Data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (EDLs not a valid assessment guideline)   |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Revolon Slough Main Branch: Mugu Lagoon to Central Avenue

|  |   |
|--|---|
| <b>Water Body</b>  | Revolon Slough Main Branch: Mugu Lagoon to Central Avenue                   |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs not linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs not applicable to Aquatic Life BU                                     |
| <b>Water Body-specific Information</b>   | No data   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | No data presented   |
| <b>Use of standard method</b>  | No data presented   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.                                |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (NAS guidelines were old and can be listed for exceedances of MTRLs) |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing until better guideline is available.                       |

## Region 4

### Calleguas Creek R4, Revolon Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R4, Revolon Slough                                     |
| <b>Stressor/Media/Beneficial Use</b>   | Sulfate/Water/WQO for sulfate  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO for sulfate  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances at Potrero Road                              |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 15 water samples, 14 number exceeding                                  |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Samples were collected from summer 98 through summer 99                |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R4, Revolon Slough

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R4, Revolon Slough                                     |
| <b>Stressor/Media/Beneficial Use</b>   | TDS/Water/WQO  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO for TDS  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Exceedances in Basin Plan WQO  |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 15 water samples, 13 samples exceeding                                 |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R6, Arroyo Las Posas

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R6, Arroyo Las Posas                                   |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrate/Water/Groundwater recharge                          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Reports  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to groundwater recharge BU                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances in Basin Plan                                |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 8 sample exceeding                                   |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | NPDES  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 4

### Calleguas Creek R6, Arroyo Las Posas

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R6, Arroyo Las Posas  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical applicable to REC1  |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons        |
| <b>Data used to assess water quality</b>                                       | 24 bacterial samples, 17 samples exceeding, Geomean of 653 MPN exceed 200 MPN |
| <b>Spatial representation</b>  | 1 site  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Calleguas Creek-Arroyo Simi R7

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek-Arroyo Simi R7  |
| <b>Stressor/Media/Beneficial Use</b>   | No pollutant ID (TIE implicated Diazinon and NH3 for water column toxicity/Water /Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization/QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Narrative   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Narrative (Not enough information)  |
| <b>Water Body-specific Information</b>   | Unknown (not mentioned)   |
| <b>Data used to assess water quality</b>                                       | 22 water sample, number exceeding unknown   |
| <b>Spatial representation</b>  | Site 1 (8 samples, 2species)u/s POTW, Site 3 (8 samples, 2 species) d/s POTW at Hwy 118, Site 2( 6 samples, 2 species) immediately d/s POTW |
| <b>Temporal representation</b>   | Not mentioned   |
| <b>Data type</b>   | Toxicity test and TIEs  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, POTWs, Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Water column toxicity which affects aquatic life beneficial use)  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list (More information is required to determine listing, no pollutant identified)  |

## Region 4

### Calleguas Creek-Arroyo Simi R7

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek-Arroyo Simi R7   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization QAPP                                    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances in Basin Plan and linked to REC1 BU            |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons   |
| <b>Data used to assess water quality</b>                                       | 24 bacteria samples, 17 samples exceeding, Geomean of 909 exceed 200 MPN |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                  |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrogen/Water/groundwater recharge                         |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Reports  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nitrate as Nitrogen is linked to groundwater recharge BU               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances in Basin Plan                                |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 111 water samples, 15 sample exceeding                                 |
| <b>Spatial representation</b>  | 1 site only (Conejo Creek)   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R9A, Camrosa Diversion (Conejo Creek)                  |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrite as Nitrogen/Water/groundwater recharge                         |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Reports  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Nitrite as Nitrogen is linked to groundwater recharge BU               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical exceedances in Basin Plan                                |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 110 water samples, 18 samples exceeding, Geomean of 206 exceed 200 MPN |
| <b>Spatial representation</b>  | 1 site only (Conejo Creek)   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R10 (Conejo Creek, Hill Canyon)

|  |   |
|--|---|
| <b>Water Body</b>  | Calleguas Creek R10 (Conejo Creek, Hill Canyon)                                   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO numerical, exceed 200-400 MPN/ml                                   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons            |
| <b>Data used to assess water quality</b>                                       | 24 bacterial samples, 11 samples exceeding at 400 MPN, Geomean 431 exceed 200 MPN |
| <b>Spatial representation</b>  | 2 sites   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

Region 4

Calleguas Creek R10 (Conejo Creek, Hill Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R10 (Conejo Creek, Hill Canyon)  |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrogen/Water/groundwater recharge   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Reports  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to groundwater recharge BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical, exceeds 1.0 ppm   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured at site, measured during all seasons                       |
| <b>Data used to assess water quality</b>                                       | 42 water samples, 5 samples exceeding  |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Water Quality Monitoring Program   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Greater than 10 % exceedance of nitrite as nitrogen objective as stated in Basin Plan) |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Not enough samples exceeding to list)  |

## Region 4

### Calleguas Creek R10 (Conejo Creek, Hill Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R10 (Conejo Creek, Hill Canyon)                            |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/Water/Aquatic Life and warm water habitat                 |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Program, Calleguas Creek Ambient Water Quality Monitoring Program    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO numerical linked to Aquatic Life                            |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO meet WQO for Dissolved Oxygen is between 5-7ppm             |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured at site, measured during all seasons     |
| <b>Data used to assess water quality</b>                                       | 81 water samples, 3 samples exceeding                                      |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | NPDES Program and Calleguas Creek Ambient Water Quality Monitoring Program |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (It meets the Basin Plan objective for dissolved oxygen)            |
| <b>SWRCB Staff Recommendation</b>  | Delist (Not enough exceeding samples to continue listing)                  |



## Region 4

### Calleguas Creek R10 (Conejo Creek, Hill Canyon)

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R10 (Conejo Creek, Hill Canyon)                        |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/Water/ Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (NPDES report and Calleguas Creek Characterization study)         |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to agricultural BU                             |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Numerical values exceed WQO of 150 mg/L in Basin Plan                  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 97 water samples, 16 samples exceeding                                 |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | NPDES, Calleguas Creek Characterization Study                          |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek Watershed-Conejo Creek R9B

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek Watershed-Conejo Creek R9B   |
| <b>Stressor/Media/Beneficial Use</b>   | Unnatural Foam and Scum/Water/REC1,REC2, Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization and DFG QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Link to Rec. 2 BU, based on photographs documentation  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Use of measure is limited (based on photographs)   |
| <b>Water Body-specific Information</b>   | Narrative--photographs, no samples   |
| <b>Data used to assess water quality</b>                                       | One photograph   |
| <b>Spatial representation</b>  | One photograph   |
| <b>Temporal representation</b>   | 21-Apr-01  |
| <b>Data type</b>   | Photograph   |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study   |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture and natural sources  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Non attainment of the narrative objective for floating and settleable materials objective in the Basin Plan)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (The cause of the foam and scum may be caused by nutrient enrichment but these pollutants are not discussed. Unable to quantify photographs in terms of aquatic life protection). |

## Region 4

### Calleguas Creek Watershed

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek Watershed  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Calleguas Creek Characterization Study/Bioassessment DFG                           |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Macroinvertebrate and Bioassessment is linked to Aquatic Life BU.                  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | DFG guidelines   |
| <b>Water Body-specific Information</b>   | Data 8 years old, data measured at site, species present                           |
| <b>Data used to assess water quality</b>                                       | Unknown  |
| <b>Spatial representation</b>  | Some sites listed  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | Not Numerical  |
| <b>Use of standard method</b>  | DFG  |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture and natural sources  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Due to excessive sedimentation)  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (No data. Listing was based on a narrative bioassessment report by DFG) |

## Region 4

### Calleguas Creek R11, Arroyo Santa Rosa

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R11, Arroyo Santa Rosa                                 |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Characterization Study QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical values linked to REC1 BU                                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical, exceed 200-400 MPN/ml                                   |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 6 sample exceeding, Geomean of 393 exceed 200 MPN    |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Calleguas Creek R11, Arroyo Santa Rosa

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R11, Arroyo Santa Rosa                                 |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/Water/Warm water habitat                              |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Characterization Study QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Warm Water Habitat                                       |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Numerical measure not exceeding WQO                                    |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 41 water samples, no samples exceeding                                 |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Calleguas Creek Characterization Study                                 |
| <b>Potential Source(s) of Pollutant</b>  | N/A  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Waterbody meets the Basin Plan objective for dissolved oxygen) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Calleguas Creek R13, Conejo Creek, South Fork

|  |  |
|--|--|
| <b>Water Body</b>  | Calleguas Creek R13, Conejo Creek, South Fork                          |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/Water/ Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NPDES Reports  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical linked to Agriculture BU                                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO numerical, exceed 150 MPN/ml in Basin Plan                         |
| <b>Water Body-specific Information</b>   | Data 3-4 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 19 water samples, 17 samples exceeding                                 |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Summer/fall/winter/spring  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | NPDES  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Numerical values linked to Agriculture BU)                       |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Cerritos Channel

|  |   |
|--|---|
| <b>Water Body</b>  | Los Cerritos Channel  |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/sediment/Aquatic Life                                       |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERMs-PELs linked to Aquatic Life BU                                   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PEL applicable to Aquatic Life                                    |
| <b>Water Body-specific Information</b>   | Data 8-9 years old, data measured at site, measured during the winter |
| <b>Data used to assess water quality</b>                                       | 4 sediment samples, 3 samples exceeding                               |
| <b>Spatial representation</b>  | Data was collected spatially.   |
| <b>Temporal representation</b>   | Winter 93 and 94  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Malibu Creek Watershed-Malibu Lagoon

|  |  |
|--|--|
| <b>Water Body</b>  | Malibu Creek Watershed-Malibu Lagoon                                   |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Las Virgenas NPDES Municipal Water District                            |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | pH linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan pH WQO exceeded ( above 8.5)                                |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, data measured at site, measured during all seasons |
| <b>Data used to assess water quality</b>                                       | 138 water samples, 33 samples exceeding pH 8.5                         |
| <b>Spatial representation</b>  | pH data was collected a various monitoring station within the lagoon   |
| <b>Temporal representation</b>   | Winter 97, summer-winter 98, winter- fall 99                           |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Municipal Water District (NPDES)                                       |
| <b>Potential Source(s) of Pollutant</b>  | Unknown (potential sources septic systems, storm drains and birds)     |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 4

### Malibu Creek Watershed-Cold Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Malibu Creek Watershed-Cold Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Algae - Rec1 and REC2, spawning, rare and endangered species, Aquatic Life, Warm and cold, wildlife freshwater habitat                 |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Heal the Bay Citizens Monitoring   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage to REC1 and Rec. 2, but Aquatic Life linkage not clear   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Unknown because judgement bases on international guideline that we have not seen.  |
| <b>Water Body-specific Information</b>   | Data 1-4 years old, data measured at site, species present, measured during fall and spring in 2 years                                 |
| <b>Data used to assess water quality</b>                                       | 8 sample exceed the 30% algal cover (Biggs, 2000)  |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Fall and spring in two years   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Heal the Bay (Citizens Monitoring)   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Observation of excessive algal growth-greater than 30% coverage, based on Biggs, 2000)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Algae was identified as the stressor, unclear on the cause of algae growth. Cannot determine if a pollutant is the cause). |

## Region 4

### Malibu Creek Watershed (Malibu Creek, Las Virgenes Creek, Triunfo

|  |   |
|--|---|
| <b>Water Body</b>  | Malibu Creek Watershed (Malibu Creek, Las Virgenes Creek, Triunfo Creek and Medea Creek)  |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Water/ Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Heal the Bay Citizens Monitoring  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Narrative based on evaluation from DFG.   |
| <b>Water Body-specific Information</b>   | Not presented in RWQCB fact sheet.  |
| <b>Data used to assess water quality</b>                                       | Assessment by DFG biologist. The matrix indices of organisms present in the analysis is consistent with sedimentation effects presented in the record provided by the Regional Board. |
| <b>Spatial representation</b>  | Not presented in RWQCB fact sheet.  |
| <b>Temporal representation</b>   | Not presented in RWQCB fact sheet.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | CSBP-DFG Bioassessment  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Due to excessive sedimentation, Letter from DFG)  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Malibu Creek Watershed-Malibu Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Malibu Creek Watershed-Malibu Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Selenium/Water/Aquatic Life, warm and cold freshwater and wildlife habitat, rare and endangered sp., REC1 and 2, migration of aquatic org, spawn-repro |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with Aquatic Life BU and CTR   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTR numerical exceedances  |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, samples collected at site, samples collected different years during storm event  |
| <b>Data used to assess water quality</b>                                       | 21 water samples, 2 samples exceeding  |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Samples taken winter-97; fall and winter 99  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Stormwater Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Greater than one exceedance of the total selenium chronic water quality criterion to protect freshwater aquatic life)                                  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Not adequate number of samples and the exceeding CTR/BP WQO criteria). Also, the 2 exceeding sample were in the same month and year.             |

Region 4

Marina del Rey Harbor-Back Basin

|  |   |
|--|---|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin  |
| <b>Stressor/Media/Beneficial Use</b>   | No stressor/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs not linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs not applicable to Aquatic Life  |
| <b>Water Body-specific Information</b>   | Data 7- 9 years old, sample were collected at the site, species present                 |
| <b>Data used to assess water quality</b>                                       | 4 tissue samples, 2 tissues sample exceed Chlordane, 3 tissue sample exceeding for PCBs |
| <b>Spatial representation</b>  | Samples were collect spatially in the water body.                                       |
| <b>Temporal representation</b>   | 2 samples in different years  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas.     |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist  |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (MTRLs not linked to Aquatic Life BU, no stressor identified)          |

## Region 4

### Marina del Rey Harbor-Back Basin

|  |   |
|--|---|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin  |
| <b>Stressor/Media/Beneficial Use</b>   | TBT/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs in not applicable to Aquatic Life BU   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | Unknown   |
| <b>Temporal representation</b>   | Unknown   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs no longer represent a valid assessment guideline)                      |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Marina del Rey Harbor-Back Basin

|  |   |
|--|---|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin  |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDL not applicable to Aquatic Life BU   |
| <b>Water Body-specific Information</b>   | Data 7- 9 years old, sample were collected at the site, species present             |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples were collected temporally.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs does not represent a valid assessment guideline)                       |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Marina del Rey Harbor-Back Basin

|  |   |
|--|---|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Aquatic Life BU  |
| <b>Water Body-specific Information</b>   | Data 7- 9 years old, sample were collected at the site, species present             |
| <b>Data used to assess water quality</b>                                       | Unknown   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples were collected temporally.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs does not represent a valid assessment guideline)                       |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Marina del Rey Harbor-Back Basin

|  |   |
|--|---|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin  |
| <b>Stressor/Media/Beneficial Use</b>   | Lead/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs not applicable to Aquatic Life BU  |
| <b>Water Body-specific Information</b>   | Data 7- 9 years old, sample were collected at the site, species present             |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples were collected temporally.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs does not represent a valid assessment guideline)                       |
| <b>SWRCB Staff Recommendation</b>  | Delist  |



## Region 4

### Marina del Rey Harbor-Back Basin

|  |  |
|--|--|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin   |
| <b>Stressor/Media/Beneficial Use</b>   | DDT/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measure of limited applicability, based on benthic community assessment, chemical measurements absent. |
| <b>Water Body-specific Information</b>   | Data 2- 9 years old, sample were collected at the site   |
| <b>Data used to assess water quality</b>                                       | 30 sediment sample, 0 samples exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples were collected temporally.   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas.                    |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (DDT sediment concentrations have dropped below ERM-PEL guidelines                              |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Marina del Rey Harbor-Back Basin

|  |  |
|--|--|
| <b>Water Body</b>  | Marina del Rey Harbor-Back Basin   |
| <b>Stressor/Media/Beneficial Use</b>   | PCBs/sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP, TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM/PEL linked to Aquatic life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs are applicable to Aquatic Life BU.  |
| <b>Water Body-specific Information</b>   | Data 5- 9 years old, collected at site, data collected in different years and seasons. |
| <b>Data used to assess water quality</b>                                       | 18 sediment samples, unclear number of exceeding samples (7 does not equal 30%)        |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Summer-winter 93, summer 96, fall-winter 97  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP and TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff/aerial deposition from urban areas.    |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Malibu Creek Watershed

|  |  |
|--|--|
| <b>Water Body</b>  | Malibu Creek Watershed   |
| <b>Stressor/Media/Beneficial Use</b>   | Sedimentation/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | DFG QAPP (Heal the Bay Study)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage between sedimentation and bioassessment in Aquatic Life BU.                          |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Bioassessment measurement.   |
| <b>Water Body-specific Information</b>   | Data 1 year old, collected at sites, species present, sample collected Spring and fall 2000. |
| <b>Data used to assess water quality</b>                                       | Number of samples is unknown. (Based on insect data and physical habitat)                    |
| <b>Spatial representation</b>  | 11 sites   |
| <b>Temporal representation</b>   | Spring and Fall 2000   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | DFG (CBBP) methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Due to excessive sedimentation)  |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### McGrath Lake

|  |  |
|--|--|
| <b>Water Body</b>  | McGrath Lake   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura Division of Environmental Health Services                              |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on Geomean   |
| <b>Water Body-specific Information</b>   | Data 2 - 5 years old, sample measured from site                                |
| <b>Data used to assess water quality</b>                                       | 13 bacteria samples, 1 Sample exceeded 400 MPN, Geomean of 206 exceeds 200 MPN |
| <b>Spatial representation</b>  | 5 sites  |
| <b>Temporal representation</b>   | Spring, summer and Fall 99-00  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura Division of Environmental Health Services                              |
| <b>Potential Source(s) of Pollutant</b>  | Agriculture, landfill runoff and natural sources                               |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### McGrath Lake Estuary

|  |   |
|--|---|
| <b>Water Body</b>  | McGrath Lake Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | PCBs/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, DFG)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linkage between Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measure accepted, but has limited applicability,  |
| <b>Water Body-specific Information</b>   | Data 4-9 years old, environmental data measured at site/waterbody   |
| <b>Data used to assess water quality</b>                                       | 13 sediment samples, 7 samples exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | 4 different events in 4 different years   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff/aerial deposition from agriculture fields. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### McGrath Lake Estuary

|  |   |
|--|---|
| <b>Water Body</b>  | McGrath Lake Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Dieldrin/sediment/ Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, DFG)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linkage between BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measure accepted, but has limited applicability.  |
| <b>Water Body-specific Information</b>   | Data 4-9 years old, environmental data measured at site/waterbody   |
| <b>Data used to assess water quality</b>                                       | 13 sediment samples, 10 samples exceeding   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | 4 different events in 4 different years   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP, CDFG   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff/aerial deposition from agriculture fields. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Program  |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Alternate enforcement program in place)   |

## Region 4

### McGrath Lake Estuary

|  |   |
|--|---|
| <b>Water Body</b>  | McGrath Lake Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Total pesticides/sediment/ Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NA  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NA  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | NA  |
| <b>Water Body-specific Information</b>   | NA  |
| <b>Data used to assess water quality</b>                                       | NA  |
| <b>Spatial representation</b>  | NA  |
| <b>Temporal representation</b>   | NA  |
| <b>Data type</b>   | NA  |
| <b>Use of standard method</b>  | NA  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff/aerial deposition from agriculture fields. |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Change in listing (Because individual chemical can be listed for exceedances of ERM-PELs)                 |
| <b>SWRCB Staff Recommendation</b>  | Change in listing, (Chemicals can be listed individually)   |

## Region 4

### Malibou Lake

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|  |   |
|--|---|
| <b>Water Body</b>  | Malibou Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs is an insufficient basis for impairment determination.           |
| <b>Water Body-specific Information</b>   | Data 5 years old, measured at site, species present, one sample event |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, 1 sample non-detect                                  |
| <b>Spatial representation</b>  | One sample only   |
| <b>Temporal representation</b>   | One sample event  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP Data   |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (EDLs are not a represent valid assessment guidelines)         |
| <b>SWRCB Staff Recommendation</b>  | Delist  |



## Region 4

### Malibou Lake

|  |   |
|--|---|
| <b>Water Body</b>  | Malibou Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/Tissue/ Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are not linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are not applicable to Aquatic Life BU.  |
| <b>Water Body-specific Information</b>   | Data 5 years old, measured at site, species present, one sample event                           |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, 0 samples exceeding  |
| <b>Spatial representation</b>  | One sample only   |
| <b>Temporal representation</b>   | One sample event  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP Data   |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Based on one sample which is now below the MTRL and chlordane was not detected in 1997) |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing until more data is available.  |

## Region 4

### Malibou Lake

|  |   |
|--|---|
| <b>Water Body</b>  | Malibou Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | PCB/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | TSMP QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Tissue chemistry is not linked to Aquatic Life BU                     |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | PCBs were not detected in tissue.                                     |
| <b>Water Body-specific Information</b>   | Data 5 years old, measured at site, species present, one sample event |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, 0 sample exceeding                                   |
| <b>Spatial representation</b>  | One sample only   |
| <b>Temporal representation</b>   | One time sample event   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (PCBs in tissue were not detected in 1992 and 1997)            |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Mugu Lagoon

|  |   |
|--|---|
| <b>Water Body</b>  | Mugu Lagoon   |
| <b>Stressor/Media/Beneficial Use</b>   | Dieldrin/Tissue/Aquatic life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs not linked to Aquatic Life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs not applicable  |
| <b>Water Body-specific Information</b>   | Data is 8 year old, data measured in the waterbody, species present, one time sample event              |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, 1 sample exceeding   |
| <b>Spatial representation</b>  | Sample was collected spatially.   |
| <b>Temporal representation</b>   | One time sample event   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff, and aerial deposition from urban and agricultural area |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Exceedance in MTRLs)  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (MTRLs are not linked to Aquatic Life and listing based on one sample)                       |

## Region 4

### Mugu Lagoon

|  |   |
|--|---|
| <b>Water Body</b>  | Mugu Lagoon   |
| <b>Stressor/Media/Beneficial Use</b>   | Dacthal/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Not linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | No approved guidelines, MTRLs are not applicable to Aquatic Life  |
| <b>Water Body-specific Information</b>   | NA  |
| <b>Data used to assess water quality</b>                                       | NA  |
| <b>Spatial representation</b>  | NA  |
| <b>Temporal representation</b>   | NA  |
| <b>Data type</b>   | NA  |
| <b>Use of standard method</b>  | NA  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides, stormwater runoff, and aerial deposition from urban and agricultural area |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (No approved guidelines for Dacthal in tissue)   |
| <b>SWRCB Staff Recommendation</b>  | Delist (Tissue samples not linked to Aquatic life BU and no approved guidelines for Dacthal)            |

## Region 4

### Port Hueneme (back basins)

|  |   |
|--|---|
| <b>Water Body</b>  | Port Hueneme (back basins)  |
| <b>Stressor/Media/Beneficial Use</b>   | PAHs/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP, Army Corp of Engineers QAPP unknown   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment chemistry linked to Aquatic Life BU. Tissue data not linked Aquatic Life.                          |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement based on Army Corp of Engineers, PAH was at a low level.  |
| <b>Water Body-specific Information</b>   | Data 1- 6 years old, collected at site, one sample event  |
| <b>Data used to assess water quality</b>                                       | 14 sediment samples in 1996, 20 sediment samples in 2001, 0 samples exceeding                               |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | 2 years of sampling   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP method, US Army Corps of Engineers unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (PAHs appear to be low throughout most of the back basin area based on Army Corps of Engineers data) |
| <b>SWRCB Staff Recommendation</b>  | Delist (Low pollutant concentration levels)   |

## Region 4

### Port Hueneme (back basins)

|  |  |
|--|--|
| <b>Water Body</b>  | Port Hueneme (back basins)   |
| <b>Stressor/Media/Beneficial Use</b>   | TBT/Tissue and sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP, Army Corp of Engineers QAPP unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment chemistry linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement not applicable, because there were no tissue assessment guidelines for TBT and sediment levels were low.                                 |
| <b>Water Body-specific Information</b>   | Data 1- 6 years old, collected at site, one sample event   |
| <b>Data used to assess water quality</b>                                       | 14 sediment samples in 1996, 20 sediment samples in 2001, 0 samples exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | 2 years of sampling  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP method, US Army Corps of Engineers unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (There are no tissue assessment guidelines for TBT)   |
| <b>SWRCB Staff Recommendation</b>  | Delist (No foundation for listing. Measurement not applicable because there are no tissue assessment guidelines for TBT and sediment levels are low) |

## Region 4

### Port Hueneme (back basins)

|  |  |
|--|--|
| <b>Water Body</b>  | Port Hueneme (back basins)   |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue and sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP BPTCP, Army Corp of Engineer QAPP unknown   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Sediment chemistry linked to Aquatic Life BU. Tissue data not linked Aquatic Life.                                 |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurements not applicable, because there are no tissue assessment guidelines for TBT and sediment levels are low |
| <b>Water Body-specific Information</b>   | Data 1 - 6 years old, collected at site, one sample event  |
| <b>Data used to assess water quality</b>                                       | 14 sediment samples in 1996, 20 sediment samples in 2001, 0 samples exceeding                                      |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | 2 years of sampling  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP method, US Army Corps of Engineers unknown   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (There are no tissue assessment guidelines for zinc)  |
| <b>SWRCB Staff Recommendation</b>  | Delist (Measurements for zinc in sediment levels are low)  |

Region 4

Rio de Santa Clara/Oxnard Drain #3

|  |  |
|--|--|
| <b>Water Body</b>  | Rio de Santa Clara/Oxnard Drain #3   |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Fish Consumption   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to Fish Consumption   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to Fish consumption   |
| <b>Water Body-specific Information</b>   | Date is 5 years old, data measured from waterbody, species present, one-time sample event                              |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | No data presented  |
| <b>Use of standard method</b>  | No data presented  |
| <b>Potential Source(s) of Pollutant</b>  | <i>Historical use of pesticides and lubricants, storm water runoff and aerial deposition from agricultural fields.</i> |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (NAS guidelines were old and individual compounds can be listed for exceedances of MTRLs)                       |
| <b>SWRCB Staff Recommendation</b>  | Delist   |



## Region 4

### San Gabriel River Watershed-Reach 2

|  |   |
|--|---|
| <b>Water Body</b>  | San Gabriel River Watershed-Reach 2   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Zinc/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTRs)   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for zinc   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years  |
| <b>Data used to assess water quality</b>                                       | 28 water samples, 4 samples exceeding   |
| <b>Spatial representation</b>  | One site  |
| <b>Temporal representation</b>   | Fall, winter, spring (97-00)  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Stormwater Monitoring Program   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (The waterbody has a greater than 10% exceedance of dissolved zinc recommended water criteria for protection of fresh water aquatic life.) |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### San Gabriel River Watershed-Reach 2

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Watershed-Reach 2  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved copper/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTR)   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTRs for copper   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years |
| <b>Data used to assess water quality</b>                                       | 30 water samples, 7 samples exceeding  |
| <b>Spatial representation</b>  | 1 site (S 14)  |
| <b>Temporal representation</b>   | Fall, winter, spring (97-00)   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Stormwater Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### San Gabriel River Watershed-Coyote Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Watershed-Coyote Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Zinc/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTRs)  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTRs for zinc   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years |
| <b>Data used to assess water quality</b>                                       | 27 water samples, 6 samples exceeding  |
| <b>Spatial representation</b>  | 1 site (S 14)  |
| <b>Temporal representation</b>   | Fall, winter, spring (97-00)   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Stormwater Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### San Gabriel River Watershed-Coyote Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Watershed-Coyote Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved copper/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTR)   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for copper  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years |
| <b>Data used to assess water quality</b>                                       | 27 water samples, 16 samples exceeding   |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Fall, winter, spring (97-00)   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Stormwater Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### San Gabriel River Watershed-Coyote Creek

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Watershed-Coyote Creek   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Lead/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Department of Public Works  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTR)   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for lead  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years |
| <b>Data used to assess water quality</b>                                       | 27 water samples, 18 samples exceeding   |
| <b>Spatial representation</b>  | 1 site (S 13)  |
| <b>Temporal representation</b>   | Fall, winter, spring (97-99)   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Los Angeles County Department of Public Works  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### San Gabriel River Watershed-Coyote Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Gabriel River Watershed-Coyote Creek                          |
| <b>Stressor/Media/Beneficial Use</b>   | Total Selenium/Water/Aquatic Life                                 |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Stormwater Monitoring Program                                     |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to Aquatic Life (CTR)                                  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for selenium   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, stormwater events |
| <b>Data used to assess water quality</b>                                       | 26 water samples, 5 samples exceeding                             |
| <b>Spatial representation</b>  | 1 station   |
| <b>Temporal representation</b>   | Fall 97, fall 98, winter -summer 99                               |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Stormwater Monitoring Program                                     |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### San Gabriel River Watershed-San Jose Creek

|  |   |
|--|---|
| <b>Water Body</b>  | San Gabriel River Watershed-San Jose Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | San Jose Creek Reclamation Facility   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR and BP WQO linked to Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR and BP WQO for pH  |
| <b>Water Body-specific Information</b>   | Data 1-5 years old, data measure in waterbody, samples taken in different years in sum and fall |
| <b>Data used to assess water quality</b>                                       | 474 water samples, 180 samples exceeding  |
| <b>Spatial representation</b>  | Upstream of San Jose Creek and nonpoint source discharge from urban runoff.                     |
| <b>Temporal representation</b>   | 7/97 and 9/00   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | San Jose Creek Reclamation Facility   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (pH exceedance above 8.5)  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### San Gabriel River Watershed- Estuary

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Watershed- Estuary           |
| <b>Stressor/Media/Beneficial Use</b>   | Arsenic/Tissue/ Fish Consumption               |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs linked to Fish Consumption               |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | No tissue MTRL for arsenic                     |
| <b>Water Body-specific Information</b>   | No new data                                    |
| <b>Data used to assess water quality</b>                                       | No new data                                    |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | No new data                                    |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (There is no longer a MTRL for arsenic) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |



## Region 4

### San Gabriel River Estuary

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel River Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Trash/Water/REC1 and 2, wildlife   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Trash is Linked to Rec. 2  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on photograph, no procedure to quantify photographs  |
| <b>Water Body-specific Information</b>   | photographs  |
| <b>Data used to assess water quality</b>                                       | photographs  |
| <b>Spatial representation</b>  | several locations  |
| <b>Temporal representation</b>   | Fall of 2000   |
| <b>Data type</b>   | Photograph   |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Storm water discharge  |
| <b>Alternative Enforceable Program</b>   | Enforceable storm water permit in place that could possibly address this problem.  |
| <b>RWQCB Recommendation</b>  | List (Non-attainment of the narrative objective for floating and settleable materials objective described in the basin plan) |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Alternative enforceable program in place).   |

## Region 4

### San Gabriel Watershed- Estuary

|  |  |
|--|--|
| <b>Water Body</b>  | San Gabriel Watershed- Estuary   |
| <b>Stressor/Media/Beneficial Use</b>   | Ammonia as Nitrogen/Water/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Sanitation District as part of the receiving water monitoring program for the San Jose Creek Water Reclamation plant. |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR and BP WQO is linked to Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR and BP WQO for Ammonia as Nitrogen  |
| <b>Water Body-specific Information</b>   | Data 2-3 years old, data measure from site, samples taken different seasons and years  |
| <b>Data used to assess water quality</b>                                       | 117 water samples, 34 exceeding samples  |
| <b>Spatial representation</b>  | 3 sites  |
| <b>Temporal representation</b>   | Summer 97, fall 98, spring 00  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Los Angeles County Sanitation District as part of the receiving water monitoring program for the San Jose Creek Water Reclamation plant  |
| <b>Potential Source(s) of Pollutant</b>  | Point sources  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Santa Clara River Estuary

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara River Estuary   |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/no BU or WQO presented  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | No Basin Plan WQO or Beneficial Use listed  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Listing was based on old NAS guidelines   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | No data presented   |
| <b>Use of standard method</b>  | TSMP, BPTCP   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Based on old NAS Guidelines)  |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (NAS guideline should be used until alternate value is available). |

## Region 4

### Santa Clara River Estuary Beach

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara River Estuary Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Total Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura Division of Environmental Health Services                           |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total coliform is linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO  |
| <b>Water Body-specific Information</b>   | Data 2-4 years old, samples collected at site, collected during all seasons |
| <b>Data used to assess water quality</b>                                       | 102 bacteria samples, 15 samples exceeding in 400 MPN/100ml                 |
| <b>Spatial representation</b>  | 2 sites   |
| <b>Temporal representation</b>   | Fall, winter, spring, summer, fall (87-00)                                  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Ventura Division of Environmental Health Services                           |
| <b>Potential Source(s) of Pollutant</b>  | N/A   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist  |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Santa Clara River Estuary Beach

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara River Estuary Beach   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura Division of Environmental Health Services                           |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal coliform is linked to REC1  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan WQO  |
| <b>Water Body-specific Information</b>   | Data 2-4 years old, samples collected at site, collected during all seasons |
| <b>Data used to assess water quality</b>                                       | 102 bacteria samples, 0 samples exceeding in 400 MPN/100ml                  |
| <b>Spatial representation</b>  | 2 sites   |
| <b>Temporal representation</b>   | Fall, winter, spring, summer, fall (87-00)                                  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Ventura Division of Environmental Health Services                           |
| <b>Potential Source(s) of Pollutant</b>  | N/A   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist  |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)

|  |  |
|--|--|
| <b>Water Body</b>  | Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)             |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrite and Nitrate as Nitrogen/Water/Agriculture and Groundwater recharge |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | POTW, United Water Conservation District, Department of Water Resources    |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture and Groundwater Recharge              |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO exceedances   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site                              |
| <b>Data used to assess water quality</b>                                       | 45 water samples, 5 sample exceeding                                       |
| <b>Spatial representation</b>  | Samples representative of reach.   |
| <b>Temporal representation</b>   | Quarterly sampling events  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | POTW, United Water Conservation District, Department of Water Resources    |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Exceedances in Basin Plan WQO for Nitrite as Nitrogen)               |
| <b>SWRCB Staff Recommendation</b>  | Watch List (not enough exceeding samples to list)                          |

## Region 4

### Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)          |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrite as Nitrogen/Water/Agriculture and Groundwater Recharge          |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | POTW, United Water Conservation District, Department of Water Resources |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture and Groundwater Recharge           |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site                           |
| <b>Data used to assess water quality</b>                                       | 30 water samples, 5 sample exceeding                                    |
| <b>Spatial representation</b>  | Samples representative of reach.  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | POTW, United Water Conservation District, Department of Water Resources |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)

|  |   |
|--|---|
| <b>Water Body</b>  | Santa Clara River R 3 (Freeman Diversion to Fillmore Street A)          |
| <b>Stressor/Media/Beneficial Use</b>   | Total Dissolved Solids/Water/Groundwater Recharge and Agriculture       |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | POTW, United Water Conservation District, Department of Water Resources |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture and Groundwater Recharge           |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Basin Plan WQO exceedances  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site                           |
| <b>Data used to assess water quality</b>                                       | 189 water samples, 4 sample exceeding                                   |
| <b>Spatial representation</b>  | Samples representative of reach.  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | POTW, United Water Conservation District, Department of Water Resources |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | Exclude from list ( Not enough exceeding samples to list)               |



## Region 4

### Pole Creek/Canyon Tributary to Santa Clara River R3 (Freeman

|  |  |
|--|--|
| <b>Water Body</b>  | Pole Creek/Canyon Tributary to Santa Clara River R3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | Sulfate/Water/Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end point applicable to Agriculture, Exceed WQO for Agriculture                  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site  |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 11 sample exceeding  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Less than quarterly sampling.  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | United Water Conservation District   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Pole Creek/Canyon Tributary to Santa Clara River R3 (Freeman

|  |  |
|--|--|
| <b>Water Body</b>  | Pole Creek/Canyon Tributary to Santa Clara River R3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | TDS/Water/Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end point applicable to Agriculture, Exceed WQO for Agriculture                  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site  |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 11 sample exceeding  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Less than quarterly sampling.  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | United Water Conservation District   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Sespe Creek Tributary to Santa Clara River Reach 3 (Freeman

|  |   |
|--|---|
| <b>Water Body</b>  | Sespe Creek Tributary to Santa Clara River Reach 3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | Chloride/Water/Aquatic Life and Agriculture   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical WQO value linked to Agriculture and Aquatic Life                                  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Numerical values exceed 60 mg/L   |
| <b>Water Body-specific Information</b>   | Data 2 - 5 years old, sample measured from site   |
| <b>Data used to assess water quality</b>                                       | 16 water samples, 6 sample exceeding  |
| <b>Spatial representation</b>  | Samples representative of reach.  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | United Water Conservation District  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Sespe Creek Tributary to Santa Clara River Reach 3 (Freeman

|  |   |
|--|---|
| <b>Water Body</b>  | Sespe Creek Tributary to Santa Clara River Reach 3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic Life and Agriculture   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | POTW, United Water Conservation District  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Numerical WQO value linked to Agriculture and Aquatic Life                                  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Numerical values reside outside of the Basin Plan WQO (pH 6.5 - 8.5 )                       |
| <b>Water Body-specific Information</b>   | Data 2 - 5 years old, sample measured from site   |
| <b>Data used to assess water quality</b>                                       | 24 water samples, 6 sample exceeding  |
| <b>Spatial representation</b>  | Samples representative of reach.  |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | POTW, United Water Conservation District  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Hopper Creek Tributary to Santa Clara River Reach 4 (Fillmore Street)

|  |  |
|--|--|
| <b>Water Body</b>  | Hopper Creek Tributary to Santa Clara River Reach 4 (Fillmore Street Blue Cut Gauging Station) |
| <b>Stressor/Media/Beneficial Use</b>   | Sulfate/Water/Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to Agriculture BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end point applicable to Agriculture, Exceed WQO for Agriculture                    |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site  |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 11 sample exceeding  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Quarterly sampling events  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | United Water Conservation District   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Hopper Creek Tributary to Santa Clara River Reach 4 (Fillmore Street)

|  |  |
|--|--|
| <b>Water Body</b>  | Hopper Creek Tributary to Santa Clara River Reach 4 (Fillmore Street Blue Cut Gauging Station) |
| <b>Stressor/Media/Beneficial Use</b>   | TDS/Water/Agriculture  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO numerical linked to Agriculture BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end point applicable to Agriculture, Exceed WQO for Agriculture                    |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site  |
| <b>Data used to assess water quality</b>                                       | 11 water samples, 10 sample exceeding  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Quarterly sampling events  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | United Water Conservation District   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Piru Creek Tributary to Santa Clara River Reach 4 (Fillmore A Street)

|  |  |
|--|--|
| <b>Water Body</b>  | Piru Creek Tributary to Santa Clara River Reach 4 (Fillmore A Street and Blue Cut Gauging Station) |
| <b>Stressor/Media/Beneficial Use</b>   | pH/Water/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Exceedance of Basin Plan WQO   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site  |
| <b>Data used to assess water quality</b>                                       | 24 water samples, 4 samples exceeding  |
| <b>Spatial representation</b>  | Samples representative of reach.   |
| <b>Temporal representation</b>   | Quarterly sampling events  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | United Water Conservation District   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources and Conservation Discharge Releases   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Todd Barranca-Wheeler Creek/Canyon Tributary to Santa Clara River

|  |   |
|--|---|
| <b>Water Body</b>  | Todd Barranca-Wheeler Creek/Canyon Tributary to Santa Clara River R3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | Sulfate/Water/Agriculture   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end point applicable to Agriculture, Exceed WQO for Agriculture                                   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site   |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 11 sample exceeding   |
| <b>Spatial representation</b>  | Limited   |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | United Water Conservation District  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |



## Region 4

### Todd Barranca-Wheeler Creek/Canyon Tributary to Santa Clara River

|  |   |
|--|---|
| <b>Water Body</b>  | Todd Barranca-Wheeler Creek/Canyon Tributary to Santa Clara River R3 (Freeman Diversion to Fillmore Street A) |
| <b>Stressor/Media/Beneficial Use</b>   | TDS/Water/Agriculture   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | United Water Conservation District  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Basin Plan WQO linked to Agriculture  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measurement end pt. applicable to Agriculture, Exceed WQO for Agriculture                                     |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, samples collected at site   |
| <b>Data used to assess water quality</b>                                       | 12 water samples, 12 sample exceeding   |
| <b>Spatial representation</b>  | Limited   |
| <b>Temporal representation</b>   | Quarterly sampling events   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | United Water Conservation District  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Arsenic/sediment/Aquatic Life and COMM   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linked Aquatic Life and COMM BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs is an applicable measurement for Aquatic Life   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of ERM-PELs)  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |

(

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Cadmium/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linked Aquatic Life and COMM BU.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs is applicable measurement for Aquatic Life.   |
| <b>Water Body-specific Information</b>   | Data 6 years old, one-time sample event, one season event  |
| <b>Data used to assess water quality</b>                                       | 14 sediment sample, number of exceeding samples unclear (4-6)  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | One-time sample  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/sediment/Aquatic Life and COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linked to Aquatic Life and COMM BU.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs is an applicable measurement for Aquatic Life and COMM.   |
| <b>Water Body-specific Information</b>   | Data 6-10 years old, environmental data measured at site/waterbody   |
| <b>Data used to assess water quality</b>                                       | 19 sediment samples, 18- 19 sample exceeding, number of samples exceeding for sediment toxicity is unclear               |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | 3 different year and seasons   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP and SMWP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Mercury/sediment/Aquatic Life and COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL is linked to Aquatic Life and COMM BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs is an applicable measurement for Aquatic Life and COMM BU.  |
| <b>Water Body-specific Information</b>   | Data 6-10 years old, environmental data measured at site/waterbody, 3 years-3 seasons                                    |
| <b>Data used to assess water quality</b>                                       | 19 sediment samples, 5 samples exceeding (for Chemistry)   |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | 3 different year and seasons   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP and SWMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/sediment/Aquatic Life and COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linked to Aquatic Life and COMM BU.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs are an applicable measurement for COMM BU.  |
| <b>Water Body-specific Information</b>   | Data 6-10 years old, environmental data measured at site/waterbody, 2 seasons-2 different years                          |
| <b>Data used to assess water quality</b>                                       | 19 sediment samples, 5 samples exceeding (for Chemistry), number of samples exceeding for sediment toxicity is unclear   |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | 3 different year and seasons   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP and SMWP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |

## Region 4

### LA Harbor-Consolidated Slip

|  |   |
|--|---|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip   |
| <b>Stressor/Media/Beneficial Use</b>   | Dieldrin/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to COMM.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRL are applicable to COMM BU in the SMWP.   |
| <b>Water Body-specific Information</b>   | Data 7-9 years old, environmental data measured at site/waterbody, samples collected during 2 different seasons and years |
| <b>Data used to assess water quality</b>                                       | 6 tissue samples, 3 samples exceeding   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples were collected temporally.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.  |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)   |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Toxaphene/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (SMWP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs from SMWP are linked to COMM BU.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to COMM BU in the SWMP.   |
| <b>Water Body-specific Information</b>   | Data 4-7 years old, environmental data measured at site/waterbody, species present, samples collected during 2 different seasons and years |
| <b>Data used to assess water quality</b>                                       | 3 tissue samples, 3 samples exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples were collected temporally.   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | SMWP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.                   |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances in MTRLs)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (BPTCP enforceable program in place)  |



## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | TBT/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | SMWP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | SMWP data is linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Data was used to assess background levels rather than valid assessment guidelines.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples were collected temporally.   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | SMWP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals.   |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on exceeding background levels rather than valid assessment of guidelines. Delisting applies to LA Harbor Consolidated Slip, Fish Harbor, Inner Breakwater and Main Channel) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### LA Harbor-Consolidated Slip

|  |  |
|--|--|
| <b>Water Body</b>  | LA Harbor-Consolidated Slip  |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | SMWP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | SMWP data is linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Data used to assess background levels rather than valid assessment guidelines.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples were collected temporally.   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | SMWP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants, stormwater runoff, aerial deposition, and historical discharges for metals. |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Cleanup Plan  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on exceeding background levels rather than valid assessment guidelines)                        |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Los Angeles River Reach 1

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River Reach 1  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Aluminum/Water/Groundwater Recharge  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Stormwater Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO for Aluminum (MCLs) are linked to groundwater recharge.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MCLs are applicable to groundwater recharge BU.  |
| <b>Water Body-specific Information</b>   | Data is 3-5 year old, data measured in the waterbody, samples collected different in seasons and years |
| <b>Data used to assess water quality</b>                                       | 18 water samples, 10 samples exceeding   |
| <b>Spatial representation</b>  | Samples were collected mainly in the main stem of the LA River.  |
| <b>Temporal representation</b>   | Fall-97, winter- fall 98, winter 99  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP Data  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Angeles River Reach 1

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River Reach 1   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Zinc/Water/ aquatic life (warm-freshwater and wildlife habitat)   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Stormwater Program   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR for zinc linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for zinc   |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years  |
| <b>Data used to assess water quality</b>                                       | 18 water samples, 7 samples exceeding (acute and chronic criteria)  |
| <b>Spatial representation</b>  | Samples were collected mainly in the main stem of the LA River.   |
| <b>Temporal representation</b>   | Fall, winter in different years   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Stormwater Monitoring Program   |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Greater than 10% exceedance of dissolved zinc acute and chronic water quality criteria for protection of freshwater aquatic life) |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Los Angeles River Reach 1

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River Reach I   |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Copper/ Water/ aquatic life (warm-freshwater and wildlife habitat)  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Stormwater Program   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR for copper linked to Aquatic Life   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for cadmium  |
| <b>Water Body-specific Information</b>   | Data 2-5 years old, data measured in waterbody, sample taken different seasons and years                                |
| <b>Data used to assess water quality</b>                                       | 18 water samples, 11 samples exceeding (acute), 13 samples exceeding (chronic)  |
| <b>Spatial representation</b>  | Samples were collected mostly in main stem of LA River.   |
| <b>Temporal representation</b>   | Fall, winter, spring (97-99)  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Los Angeles County  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Greater than 10% exceedance of dissolved copper water quality criteria for protection of freshwater aquatic life) |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Los Angeles River Reach 1

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River Reach 1  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Cadmium/Water/ Aquatic life, Warm, wildlife  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Los Angeles County Stormwater Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTRs for cadmium linked to Aquatic life BU and drinking water standard CA Code title 22.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTRs for cadmium  |
| <b>Water Body-specific Information</b>   | Data 3-5 years old, data measured in waterbody, sample taken different seasons and years   |
| <b>Data used to assess water quality</b>                                       | 18 water samples, 4 samples exceeding (acute), 6 samples exceeding (chronic), 2 samples exceeding (CTR Title 22)   |
| <b>Spatial representation</b>  | Samples were collected mostly in main stem of LA River.  |
| <b>Temporal representation</b>   | Fall, winter, fall, spring (97-99)   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Stormwater Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Greater than 10% exceedance of dissolved and total cadmium water quality criteria for protection of freshwater aquatic life and potential drinking water sources.) |
| <b>SWRCB Staff Recommendation</b>  | List for acute and chronic effects of CTR Cadmium concentrations in water to protect aquatic life BU. Not enough exceeding samples to list for Title 22 exceedances.     |

## Region 4

### Los Angeles River R5 (within Sepulveda Basin)

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River R5 (within Sepulveda Basin)   |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NAS guidelines are linked to Aquatic life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | NAS guidelines are applicable to Aquatic Life   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples were collected temporally.  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | No data presented   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on old NAS guideline which no longer represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Maintain listing (NAS guidelines are a valid assessment guideline and no new data presented)          |

## Region 4

### Los Angeles River R5 (within Sepulveda Basin)

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River R5 (within Sepulveda Basin)  |
| <b>Stressor/Media/Beneficial Use</b>   | Chlorpyrifos/Tissue/ Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not linked to Beneficial Uses.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on EDLs, which is not valid assessment guideline.                                  |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | Unknown  |
| <b>Data type</b>   | No data presented  |
| <b>Use of standard method</b>  | No data presented  |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |



## Region 4

### Los Angeles River Estuary (Queensway Bay)

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River Estuary (Queensway Bay)                                    |
| <b>Stressor/Media/Beneficial Use</b>   | Lead/sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs   |
| <b>Water Body-specific Information</b>   | Data 4-10 years old, data measured at site, data measured in different years |
| <b>Data used to assess water quality</b>                                       | 18 sediment samples, 8 samples exceeding                                     |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples taken in 2 different years   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants                                  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Angeles River Estuary (Queensway Bay)

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River Estuary (Queensway Bay)                                     |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs are applicable to Aquatic Life BU.                                   |
| <b>Water Body-specific Information</b>   | Data 4-10 years old, data measured at site, data measured in different years. |
| <b>Data used to assess water quality</b>                                       | 9 sediment samples, 9 samples exceeding                                       |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | Samples taken in 2 different years  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | BPTCP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants                                   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Los Angeles River Estuary (Queensway Bay)

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River Estuary (Queensway Bay)                                    |
| <b>Stressor/Media/Beneficial Use</b>   | DDT/sediment/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs are applicable to Aquatic Life BU.                                  |
| <b>Water Body-specific Information</b>   | Data 4-10 years old, data measured at site, data measured in different years |
| <b>Data used to assess water quality</b>                                       | 9 samples, 6 samples exceeding   |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples taken in 2 different years   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants                                  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Angeles River Estuary (Queensway Bay)

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles River Estuary (Queensway Bay)                                    |
| <b>Stressor/Media/Beneficial Use</b>   | PCBs/sediment/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | BPTCP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with Aquatic Life BU.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs are applicable to Aquatic Life BU.                                  |
| <b>Water Body-specific Information</b>   | Data 4-10 years old, data measured at site, data measured in different years |
| <b>Data used to assess water quality</b>                                       | 18 samples, 2 samples exceeding  |
| <b>Spatial representation</b>  | Samples were collected spatially.  |
| <b>Temporal representation</b>   | Samples taken in 2 different years   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants                                  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of sediment quality guidelines ERM-PELs)            |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Not enough exceeding samples to list)                            |

## Region 4

### Los Angeles Watershed R2-Dry Canyon Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles Watershed R2-Dry Canyon Creek                    |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1                                    |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Calabasas  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with REC1 BU.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO   |
| <b>Water Body-specific Information</b>   | Data 1-2 years, data measured at site, seasonality and years |
| <b>Data used to assess water quality</b>                                       | 56 samples, 11 samples exceeding                             |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.            |
| <b>Temporal representation</b>   | Fall, winter, spring in different years                      |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | City of Calabasas  |
| <b>Potential Source(s) of Pollutant</b>  | Natural and urban sources                                    |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Angeles Watershed R2-Dry Canyon Creek

|  |  |
|--|--|
| <b>Water Body</b>  | Los Angeles Watershed R2-Dry Canyon Creek                                  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Selenium/Water/Aquatic Life, warm freshwater and wildlife habitat    |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Calabasas  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage to Aquatic Life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | CTR  |
| <b>Water Body-specific Information</b>   | Data 1-2 years, data measured at site, multiple event in different seasons |
| <b>Data used to assess water quality</b>                                       | 32 water samples, 9 sample exceeding                                       |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.                          |
| <b>Temporal representation</b>   | Fall, winter, spring in different years                                    |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | City of Calabasas  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Los Angeles River R2-McCoy Canyon Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River R2-McCoy Canyon Creek                               |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrogen/Water/Groundwater recharge                        |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Calabasas   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with Groundwater Recharge BU                                  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO  |
| <b>Water Body-specific Information</b>   | Data 1-2 years, data measured at site, sample during multiple seasons |
| <b>Data used to assess water quality</b>                                       | 51 water samples, 19 samples exceeding                                |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.                     |
| <b>Temporal representation</b>   | Spring, summer, fall, winter  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | City of Calabasas   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Los Angeles River R2-McCoy Canyon Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River R2-McCoy Canyon Creek                       |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1                                     |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Calabasas   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Linkage with REC1 BU.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO  |
| <b>Water Body-specific Information</b>   | Data 1-3 years old, data measured at site, all season samples |
| <b>Data used to assess water quality</b>                                       | 56 bacterial samples, 38 sample exceeding                     |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.             |
| <b>Temporal representation</b>   | Spring, summer, fall, winter                                  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | City of Calabasas   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |



## Region 4

### Los Angeles River R2-McCoy Canyon Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River R2-McCoy Canyon Creek                                 |
| <b>Stressor/Media/Beneficial Use</b>   | Total Selenium/Water/Aquatic Life, warm freshwater and wildlife habitat |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | City of Calabasas   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | CTR Linkage with Aquatic Life.  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on CTR for selenium   |
| <b>Water Body-specific Information</b>   | Data 1-2 years, data measured at site, sample during multiple seasons   |
| <b>Data used to assess water quality</b>                                       | 33 water samples, 32 samples exceeding                                  |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.                       |
| <b>Temporal representation</b>   | Spring, fall, winter  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | City of Calabasas   |
| <b>Potential Source(s) of Pollutant</b>  | Natural and urban sources   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Los Angeles River R2-McCoy Canyon Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Los Angeles River R2-McCoy Canyon Creek                               |
| <b>Stressor/Media/Beneficial Use</b>   | Nitrate as Nitrogen/Water/Groundwater recharge                        |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MCL linkage with groundwater recharge                                 |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Based on MCL for Nitrate  |
| <b>Water Body-specific Information</b>   | Data 1-2 years, data measured at site, sample during multiple seasons |
| <b>Data used to assess water quality</b>                                       | 51 water samples, 19 samples exceeding                                |
| <b>Spatial representation</b>  | Samples were collected spatially along the creek.                     |
| <b>Temporal representation</b>   | Spring-summer-fall 00 and winter-spring 01                            |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | City of Calabasas   |
| <b>Potential Source(s) of Pollutant</b>  | Runoff from natural and urban sources                                 |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Coyote Creek

|  |   |
|--|---|
| <b>Water Body</b>  | Coyote Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Silver/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | No linkage to Aquatic Life BU (EDL and MTRL)  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs and EDLs not applicable to Aquatic Life BU  |
| <b>Water Body-specific Information</b>   | Data 5 years old, measured at site, species present, one sample event                     |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, unknown number samples exceeding   |
| <b>Spatial representation</b>  | One sample only   |
| <b>Temporal representation</b>   | One sample event  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on EDL which no longer represents valid assessment guidelines.) |
| <b>SWRCB Staff Recommendation</b>  | Delist (MTRLs and EDLs not linked to Aquatic Life BU)                                     |

## Region 4

### Dominguez Channel Estuary (to Vermont)

|  |  |
|--|--|
| <b>Water Body</b>  | Dominguez Channel Estuary (to Vermont)   |
| <b>Stressor/Media/Beneficial Use</b>   | unknown pollutant/sediment toxicity/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMW)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Link between Aquatic Life BU and end point   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Measure accepted but has limited applicability.  |
| <b>Water Body-specific Information</b>   | Data 7 years old, environmental data measured at site/waterbody, one-time sample   |
| <b>Data used to assess water quality</b>                                       | 1 sediment sample  |
| <b>Spatial representation</b>  | One sample only  |
| <b>Temporal representation</b>   | One sample event   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants for DDT, chlordane and PCBs. Stormwater runoff, aerial deposition and historical discharges for copper |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (No pollutant identified and based on one sample only)  |

## Region 4

### Dominguez Channel Estuary (to Vermont)

|  |  |
|--|--|
| <b>Water Body</b>  | Dominguez Channel Estuary (to Vermont)   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/sediment/ Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linkage between BU and endpoints   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs   |
| <b>Water Body-specific Information</b>   | Data 7 years old, environmental data measured at site, one-time sample, one event  |
| <b>Data used to assess water quality</b>                                       | 1 sediment sample, 1 sample exceeding  |
| <b>Spatial representation</b>  | One sample only  |
| <b>Temporal representation</b>   | One sample event   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants for DDT, chlordane and PCBs. Stormwater runoff, aerial deposition and historical discharges for copper |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Plan  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of ERM-PELs)  |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Alternative program in place).   |

## Region 4

### Dominguez Channel Estuary (to Vermont)

|  |  |
|--|--|
| <b>Water Body</b>  | Dominguez Channel Estuary (to Vermont)   |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/sediment/ Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linkage between BU and endpoints   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs   |
| <b>Water Body-specific Information</b>   | Data 8 years old, environmental data measured at site, one-time sample, one event  |
| <b>Data used to assess water quality</b>                                       | 1 sediment sample, 1 sample exceeding  |
| <b>Spatial representation</b>  | One sample only  |
| <b>Temporal representation</b>   | One sample event   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants for DDT, chlordane and PCBs. Stormwater runoff, aerial deposition and historical discharges for copper |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Plan  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedance in ERM-PELs)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Alternative program in place).   |

## Region 4

### Dominguez Channel Estuary (to Vermont)

|  |  |
|--|--|
| <b>Water Body</b>  | Dominguez Channel Estuary (to Vermont)   |
| <b>Stressor/Media/Beneficial Use</b>   | PCBs/sediment/ Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (BPTCP, SMWP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | ERM-PEL linkage between BU and endpoints   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | ERM-PELs   |
| <b>Water Body-specific Information</b>   | Data 8 years old, environmental data measured at site, one-time sample, one event  |
| <b>Data used to assess water quality</b>                                       | 1 sediment sample, 1 sample exceeding  |
| <b>Spatial representation</b>  | One sample only  |
| <b>Temporal representation</b>   | One sample event   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | BPTCP, SMWP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants for DDT, chlordane and PCBs. Stormwater runoff, aerial deposition and historical discharges for copper |
| <b>Alternative Enforceable Program</b>   | BPTCP Consolidated Plan  |
| <b>RWQCB Recommendation</b>  | List (Due to exceedance in ERM-PELs)   |
| <b>SWRCB Staff Recommendation</b>  | Watch List (Alternative program in place).   |

## Region 4

### Duck Pond Ag Drain/Mufu Drain/Oxnard Drain #2

|  |  |
|--|--|
| <b>Water Body</b>  | Duck Pond Ag Drain/Mufu Drain/Oxnard Drain #2  |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NAS (tissue) is linked to Aquatic Life BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs  |
| <b>Water Body-specific Information</b>   | No data  |
| <b>Data used to assess water quality</b>                                       | No data  |
| <b>Spatial representation</b>  | No data  |
| <b>Temporal representation</b>   | No data  |
| <b>Data type</b>   | No data  |
| <b>Use of standard method</b>  | No data  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist ( Listing was based on NAS guidelines, which are outdated, and individual chemicals can be listed for exceedances in MTRLs)                       |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (MTRLs are not linked to Aquatic Life Protection, based on NAS guidelines that are old but not outdated and no new data was presented ) |



## Region 4

### Harbor Park Lake

|  |   |
|--|---|
| <b>Water Body</b>  | Harbor Park Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Chem A/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | NAS guidelines of MTRLs are linked to Aquatic life BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | NAS guidelines  |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on NAS guidelines, which are outdated and no longer represent valid assessment guidelines.) |
| <b>SWRCB Staff Recommendation</b>  | Maintain Listing (NAS guideline is a valid assessment guideline and no new data was presented)                        |

## Region 4

### Lake Calabasas

|  |  |
|--|--|
| <b>Water Body</b>  | Lake Calabasas   |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs and no new data available   |
| <b>Water Body-specific Information</b>   | No new data available. Old data does not linked to Aquatic Life BU, which is an incorrect BU |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | No data presented  |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines)     |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Lake Calabasas

|  |  |
|--|--|
| <b>Water Body</b>  | Lake Calabasas   |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs and no new data available   |
| <b>Water Body-specific Information</b>   | No new data available. Old data is link to Aquatic Life BU, which is an incorrect BU     |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | No data presented  |
| <b>Use of standard method</b>  | No data presented  |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Lake Lindero

|  |   |
|--|---|
| <b>Water Body</b>  | Lake Lindero  |
| <b>Stressor/Media/Beneficial Use</b>   | Selenium/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MIS linked to Aquatic life  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Data assessment on Chlordane and Toxaphene not selenium MIS.  |
| <b>Water Body-specific Information</b>   | No data on selenium   |
| <b>Data used to assess water quality</b>                                       | Data assessed on Chlordane and Toxaphene not selenium   |
| <b>Spatial representation</b>  | No data on selenium   |
| <b>Temporal representation</b>   | No data on selenium   |
| <b>Data type</b>   | No data on selenium   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on MIS for trace elements, which are outdated and no longer represent valid assessment guidelines.) |
| <b>SWRCB Staff Recommendation</b>  | Maintain listing (Use guideline until replaced by better alternate. No data on selenium presented).                           |

## Region 4

### Colorado Lagoon

|  |   |
|--|---|
| <b>Water Body</b>  | Colorado Lagoon   |
| <b>Stressor/Media/Beneficial Use</b>   | Lead/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | NA  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Old data EDLs, no new data available  |
| <b>Water Body-specific Information</b>   | No new data available, old data does not link to BU                                       |
| <b>Data used to assess water quality</b>                                       | No new data presented   |
| <b>Spatial representation</b>  | No new data presented   |
| <b>Temporal representation</b>   | No new data presented   |
| <b>Data type</b>   | No new data presented   |
| <b>Use of standard method</b>  | NA  |
| <b>Potential Source(s) of Pollutant</b>  | Not mentioned   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on EDLs which no longer represent valid assessment guidelines.) |
| <b>SWRCB Staff Recommendation</b>  | Delist (No new data, old data was based on EDLs)  |

## Region 4

### Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to

|  |   |
|--|---|
| <b>Water Body</b>  | Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to COMM BU   |
| <b>Water Body-specific Information</b>   | Data 4 years old, measured at site, species present, one-time sampling            |
| <b>Data used to assess water quality</b>                                       | 2 tissue samples, 2 samples exceeding   |
| <b>Spatial representation</b>  | Sample was collected spatially.   |
| <b>Temporal representation</b>   | One-time sample   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.                                      |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of MTRLs)  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to

|  |   |
|--|---|
| <b>Water Body</b>  | Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) |
| <b>Stressor/Media/Beneficial Use</b>   | Dieldrin/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to COMM BU   |
| <b>Water Body-specific Information</b>   | Data 4 years old, measured at site, species present, one-time sampling            |
| <b>Data used to assess water quality</b>                                       | 2 tissue samples, 2 samples exceeding   |
| <b>Spatial representation</b>  | Sample was collected spatially.   |
| <b>Temporal representation</b>   | One-time sample   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.                                      |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of MTRLs)  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to

|  |   |
|--|---|
| <b>Water Body</b>  | Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) |
| <b>Stressor/Media/Beneficial Use</b>   | HCH/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs is applicable to COMM BU  |
| <b>Water Body-specific Information</b>   | Data 4 years old, measured at site, species present, one-time sampling            |
| <b>Data used to assess water quality</b>                                       | 2 tissue samples, 2 samples exceeding   |
| <b>Spatial representation</b>  | Sample was collected spatially.   |
| <b>Temporal representation</b>   | One-time sample   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.                                      |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of MTRLs)  |
| <b>SWRCB Staff Recommendation</b>  | List  |



## Region 4

### Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to

|  |   |
|--|---|
| <b>Water Body</b>  | Conejo Creek Reach 1, Calleguas Creek Reach 13 (Confluence Call to Santa Rosa Rd) |
| <b>Stressor/Media/Beneficial Use</b>   | PCBs/Tissue/COMM Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs linked to COMM BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to COMM BU   |
| <b>Water Body-specific Information</b>   | Data 4 years old, measured at site, one-time sampling                             |
| <b>Data used to assess water quality</b>                                       | 2 tissue samples, 2 samples exceeding   |
| <b>Spatial representation</b>  | Sample was collected spatially.   |
| <b>Temporal representation</b>   | One-time sample   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.                                      |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List (Due to exceedances of MTRLs )   |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Conejo Creek R1, R2, R3, R4

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R1, R2, R3, R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Dacthal/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not a valid assessment guideline.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing were based on EDLs which no longer represent valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Conejo Creek R1, R2, R3, R4

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R1, R2, R3, R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Silver/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not a valid assessment guideline.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing were based on EDLs which no longer represent valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Conejo Creek R1, R2, R3, R4

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R1, R2, R3, R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Cadmium/Tissue/COMM BU   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not a valid assessment guideline.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing were based on EDLs which no longer represent valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Conejo Creek R1, R2, R3, R4

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R1, R2, R3, R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Chromium/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not a valid assessment guideline.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing were based on EDLs which no longer represent valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Conejo Creek R1, R2, R3, R4

|  |  |
|--|--|
| <b>Water Body</b>  | Conejo Creek R1, R2, R3, R4  |
| <b>Stressor/Media/Beneficial Use</b>   | Nickel/Tissue/COMM BU  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP (TSMP)  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline.   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not a valid assessment guideline.   |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides and lubricants.   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing were based on EDLs which no longer represent valid assessment guideline) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Seaside Park

|  |   |
|--|---|
| <b>Water Body</b>  | Seaside Park  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Coliform/Water/REC1   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Total Coliform is linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean and BP WQO exceedances (1000 MPN/100 ml)  |
| <b>Water Body-specific Information</b>   | Data 2-4 years old, data collected from site, collected during different seasons and years. |
| <b>Data used to assess water quality</b>                                       | 567 bacteria samples, 164 samples exceeding (1000 MPN/100 ml criteria)                      |
| <b>Spatial representation</b>  | 6 sites   |
| <b>Temporal representation</b>   | Winter 98, winter-summer 99, winter-summer-fall 00, winter 01                               |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Channel Islands Harbor Beach and Hobie Beach

|  |  |
|--|--|
| <b>Water Body</b>  | Channel Islands Harbor Beach and Hobie Beach                               |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department                             |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Fecal Coliform is linked to REC1 BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean and BP WQO exceedances of 400 MPN/100 ml                             |
| <b>Water Body-specific Information</b>   | Data 2-4 years old, data collected from site, collected during all seasons |
| <b>Data used to assess water quality</b>                                       | 795 bacteria samples, 95 samples exceeding (400 MPN/100 ml criteria)       |
| <b>Spatial representation</b>  | 15 sites   |
| <b>Temporal representation</b>   | Monthly sample during 9/98 - 9/00  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department                             |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |



## Region 4

### Ormond (Industrial Drain- #43000)

|  |  |
|--|--|
| <b>Water Body</b>  | Ormond (Industrial Drain- #43000)  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Postings/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department                               |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach postings linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Beach Posting applicable to REC1 BU  |
| <b>Water Body-specific Information</b>   | Data 2 years old, Data collected from sites throughout the 12 months in 2000 |
| <b>Data used to assess water quality</b>                                       | 60 Days of beach postings  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Throughout 2000  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department                               |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Peninsula Beach #23000

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|  |  |
|--|--|
| <b>Water Body</b>  | Peninsula Beach #23000   |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Postings/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department                               |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach postings linked to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Beach Posting applicable to REC1 BU  |
| <b>Water Body-specific Information</b>   | Data 2 years old, Data collected from sites throughout the 12 months in 2000 |
| <b>Data used to assess water quality</b>                                       | 50 Days of beach postings  |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Daily and/or Weekly throughout 2000  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department                               |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Rincon Beach (Flagpole-#1050)

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|  |  |
|--|--|
| <b>Water Body</b>  | Rincon Beach (Flagpole-#1050)  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Postings/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department                           |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach postings link to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Beach Posting applicable to REC1 BU                                      |
| <b>Water Body-specific Information</b>   | Data 2 years old, Data collected from sites through the 12 month in 2000 |
| <b>Data used to assess water quality</b>                                       | 48 Days of beach postings  |
| <b>Spatial representation</b>  | Limited  |
| <b>Temporal representation</b>   | Throughout 2000  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department                           |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Surfer's Point (Stables-#13000)

|  |  |
|--|--|
| <b>Water Body</b>  | Surfer's Point (Stables-#13000)  |
| <b>Stressor/Media/Beneficial Use</b>   | Beach Postings/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department                           |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | Beach postings link to REC1 BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Beach Posting applicable to REC1 BU                                      |
| <b>Water Body-specific Information</b>   | Data 2 years old, Data collected from sites through the 12 month in 2000 |
| <b>Data used to assess water quality</b>                                       | 59 Days of beach postings  |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Throughout 2000  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department                           |
| <b>Potential Source(s) of Pollutant</b>  | Point and nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### San Buenventure Beach

|  |  |
|--|--|
| <b>Water Body</b>  | San Buenventure Beach  |
| <b>Stressor/Media/Beneficial Use</b>   | Total Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ventura County Environmental Health Department   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | BP and Ocean Plan WQO linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Ocean Plan (1000 organisms/100 ml) exceedances   |
| <b>Water Body-specific Information</b>   | Data 2-4 years old, water samples taken from site, collected during all seasons from 98-00 |
| <b>Data used to assess water quality</b>                                       | 466 bacteria samples, 106 samples exceeding  |
| <b>Spatial representation</b>  | 5 sites  |
| <b>Temporal representation</b>   | Fall, winter, summer 98-00   |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ventura County Environmental Health Department   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Ventura River R1 (Estuary to Main Street) and R2 (Main Street to

|  |  |
|--|--|
| <b>Water Body</b>  | Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon)          |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Aquatic Life   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not linked to BU  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not applicable to BU  |
| <b>Water Body-specific Information</b>   | No data presented  |
| <b>Data used to assess water quality</b>                                       | No data presented  |
| <b>Spatial representation</b>  | No data presented  |
| <b>Temporal representation</b>   | No data presented  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | TSMP   |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listings were based on EDLs which do not represent valid assessment guidelines). |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

## Region 4

### Ventura River R1 (Estuary to Main Street) and R2 (Main Street to

|  |   |
|--|---|
| <b>Water Body</b>  | Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon)         |
| <b>Stressor/Media/Beneficial Use</b>   | Selenium/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not applicable to BU   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listings were based on EDLs which do not represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Ventura River R1 (Estuary to Main Street) and R2 (Main Street to

|  |   |
|--|---|
| <b>Water Body</b>  | Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon)         |
| <b>Stressor/Media/Beneficial Use</b>   | Silver/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not applicable to BU   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listings were based on EDLs which do not represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist  |



## Region 4

### Ventura River R1 (Estuary to Main Street) and R2 (Main Street to

|  |   |
|--|---|
| <b>Water Body</b>  | Ventura River R1 (Estuary to Main Street) and R2 (Main Street to Weldon Canyon)         |
| <b>Stressor/Media/Beneficial Use</b>   | Zinc/Tissue/Aquatic Life  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not linked to BU   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are not applicable to BU   |
| <b>Water Body-specific Information</b>   | No data presented   |
| <b>Data used to assess water quality</b>                                       | No data presented   |
| <b>Spatial representation</b>  | No data presented   |
| <b>Temporal representation</b>   | No data presented   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP  |
| <b>Potential Source(s) of Pollutant</b>  | Historical use of pesticides  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Listings were based on EDLs which do not represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist  |

## Region 4

### Ventura Estuary

|  |   |
|--|---|
| <b>Water Body</b>  | Ventura Estuary   |
| <b>Stressor/Media/Beneficial Use</b>   | DDT/Tissue/Fish Consumption   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP TSMP and BPTCP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to Fish Consumption  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs applicable to Fish Consumption  |
| <b>Water Body-specific Information</b>   | Data 10 years old, data measured from site, species present, one time sample  |
| <b>Data used to assess water quality</b>                                       | 1 tissue sample, Number of samples exceeding unknown  |
| <b>Spatial representation</b>  | Samples were collected spatially.   |
| <b>Temporal representation</b>   | One time sample event   |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | TSMP, BPTCP, NPDES  |
| <b>Potential Source(s) of Pollutant</b>  | N/A   |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | Delist (Original listing appears to have been based on DDT concentrations found in shiner surf perch in 1993 (TSM); however, the level of 23 ppb of p,p'-DDE is below MTRL-which equals 32.0 ppb) |
| <b>SWRCB Staff Recommendation</b>  | Delist (Listing was based on one sample and concentrations of DDE was below the MTRL).  |

## Region 4

### Ventura Estuary

|  |  |
|--|--|
| <b>Water Body</b>  | Ventura Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Total coliform/Water/REC1 and shellfish harvesting   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ojai Valley River Volunteer Monitoring Program   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to REC1 and shellfish harvest   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO Exceedance for total coliform.  |
| <b>Water Body-specific Information</b>   | Data is 2-4 year old, data measured in the waterbody, samples collected different in seasons and years                 |
| <b>Data used to assess water quality</b>                                       | 37 bacteria samples, Total Coliform (8 exceeding at 1000/100) (14 exceeding at 230/100ml and 37 exceeding at 70/100ml) |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Different seasons and years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ojai Valley River Volunteer Monitoring Program   |
| <b>Potential Source(s) of Pollutant</b>  | Stables and horse property   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Ventura Estuary

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|  |  |
|--|--|
| <b>Water Body</b>  | Ventura Estuary  |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal coliform/Water/REC1 and shellfish harvesting   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ojai Valley River Volunteer Monitoring Program   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to REC1 and shellfish harvest   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO Exceedance for fecal coliform.  |
| <b>Water Body-specific Information</b>   | Data is 2-4 year old, data measured in the waterbody, samples collected different in seasons and years |
| <b>Data used to assess water quality</b>                                       | 37 bacteria samples, 6 samples exceeding 400/100ml objective   |
| <b>Spatial representation</b>  | 1 site   |
| <b>Temporal representation</b>   | Different seasons and years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ojai Valley River Volunteer Monitoring Program   |
| <b>Potential Source(s) of Pollutant</b>  | Stables and horse property   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Ventura River Watershed-Canada Larga

|  |   |
|--|---|
| <b>Water Body</b>  | Ventura River Watershed-Canada Larga  |
| <b>Stressor/Media/Beneficial Use</b>   | Dissolved Oxygen/Water/Aquatic Life (warm-cold water and wildlife habitat, spawning, repro and migration) |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ojai Valley River Volunteer Monitoring Program  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO exceedance for Dissolved Oxygen   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | BP WQO Exceedance below 5 mg/L for Dissolved Oxygen   |
| <b>Water Body-specific Information</b>   | Data is 1-3 year old, data measured in the waterbody, samples collected different in seasons and years    |
| <b>Data used to assess water quality</b>                                       | 21 water samples, 5 samples exceeding   |
| <b>Spatial representation</b>  | 2 stations  |
| <b>Temporal representation</b>   | Collected during all seasons  |
| <b>Data type</b>   | Numerical   |
| <b>Use of standard method</b>  | Ojai Valley River Volunteer Monitoring Program  |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources  |
| <b>Alternative Enforceable Program</b>   |   |
| <b>RWQCB Recommendation</b>  | List  |
| <b>SWRCB Staff Recommendation</b>  | List  |

## Region 4

### Ventura River Watershed-Canada Larga

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| <b>Water Body</b>  | Ventura River Watershed-Canada Larga   |
| <b>Stressor/Media/Beneficial Use</b>   | Fecal Coliform/Water/REC1  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO linked to REC1   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | WQO Applicable to REC1   |
| <b>Water Body-specific Information</b>   | Data is 1-3 year old, data measured in the waterbody, samples collected different in seasons and years   |
| <b>Data used to assess water quality</b>                                       | Fecal Coliform (9 bacteria samples, 1 sample exceeding), E. coli (10 bacteria samples, 3 samples exceeding), Combined (19 bacteria samples, 4 samples exceeding) |
| <b>Spatial representation</b>  | Unknown  |
| <b>Temporal representation</b>   | Different seasons and years  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Unknown  |
| <b>Potential Source(s) of Pollutant</b>  | Horse stables, land use, cattle, wildlife  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List for Fecal Coliform and combined (Fecal coliform and E. coli).   |

## Region 4

### Ventura River Watershed-San Antonio Creek

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| <b>Water Body</b>  | Ventura River Watershed-San Antonio Creek  |
| <b>Stressor/Media/Beneficial Use</b>   | Total nitrogen/Water/WQO   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Ojai Valley Wastewater Treatment Plant   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | WQO applicable   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | Exceedance of Basin Plan WQO of 5 mg/L for Nitrogen  |
| <b>Water Body-specific Information</b>   | Data is 2-6 year old, data measured in the waterbody, samples collected different in seasons and years |
| <b>Data used to assess water quality</b>                                       | 23 water samples, 4 samples exceeding  |
| <b>Spatial representation</b>  | 2 sites  |
| <b>Temporal representation</b>   | Winter 98 - Summer 00  |
| <b>Data type</b>   | Numerical  |
| <b>Use of standard method</b>  | Ojai Valley Wastewater Treatment Plant   |
| <b>Potential Source(s) of Pollutant</b>  | Nonpoint sources   |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | List   |
| <b>SWRCB Staff Recommendation</b>  | List   |

## Region 4

### Westlake Lake

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| <b>Water Body</b>  | Westlake Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Chlordane/Tissue/Fish Consumption  |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | QAPP   |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | MTRLs are linked to Fish Consumption   |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | MTRLs are applicable to Fish Consumption   |
| <b>Water Body-specific Information</b>   | No new data presented  |
| <b>Data used to assess water quality</b>                                       | No new data presented  |
| <b>Spatial representation</b>  | No new data presented  |
| <b>Temporal representation</b>   | No new data presented  |
| <b>Data type</b>   | No new data presented  |
| <b>Use of standard method</b>  | Standard Methods   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing was based on a tissue concentration that now is below the MTRLs) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |



## Region 4

### Westlake Lake

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| <b>Water Body</b>  | Westlake Lake  |
| <b>Stressor/Media/Beneficial Use</b>   | Copper/Tissue/Fish Consumption   |
| <b>Data quality assessment. Extent to which data quality requirements met.</b> | Unknown  |
| <b>Linkage between measurement endpoint and beneficial use or standard</b>     | EDLs are not a valid assessment guideline  |
| <b>Utility of measure for judging if standards or uses are not attained</b>    | EDLs are determined insufficient basis for impairment determination                  |
| <b>Water Body-specific Information</b>   | No new data presented  |
| <b>Data used to assess water quality</b>                                       | No new data presented  |
| <b>Spatial representation</b>  | No new data presented  |
| <b>Temporal representation</b>   | No new data presented  |
| <b>Data type</b>   | No new data presented  |
| <b>Use of standard method</b>  | NA   |
| <b>Potential Source(s) of Pollutant</b>  | Unknown  |
| <b>Alternative Enforceable Program</b>   |  |
| <b>RWQCB Recommendation</b>  | Delist (Listing based on EDLs which no longer represent valid assessment guidelines) |
| <b>SWRCB Staff Recommendation</b>  | Delist   |

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