

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

| REGION | TYPE | NAME                                     | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE   | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|--|------------|--|--|----------|---------------|-------|------------|----------|
| I      | E    | EEL RIVER DELTA                          | 111.110    | Sedimentation/Siltation  | Range Land<br>Silviculture<br>Nonpoint Source  | Low      | 6350          | Acres | 0204       | 1206     |
|        |      |  |            | Temperature  | Nonpoint Source  | Low      | 6350          | Acres | 0204       | 1206     |
|        |      | ESTERO AMERICANO                         | 115.300    | Nutrients  | Pasture Land<br>Manure Lagoons   | Medium   | 692           | Acres | 0497       | 0206     |
|        |      |  |            | <i>Water Quality Attainment strategy is attempting to increase voluntary measures for attainment of standards and objectives, as was done in the Estero de San Antonio / Stemple Creek TMDL Water Quality Attainment Strategy, adopted by the North Coast Regional Water Quality Control Board at the December 11, 1997 meeting.</i> |  |          |               |       |            |          |
|        |      |  |            | Sedimentation/Siltation  |  | Medium   | 692           | Acres | 0497       | 0206     |
|        |      |  |            | <i>Water Quality Attainment strategy is attempting to increase voluntary measures for attainment of standards and objectives, as was done in the Estero de San Antonio / Stemple Creek TMDL Water Quality Attainment Strategy, adopted by the North Coast Regional Water Quality Control Board at the December 11, 1997 meeting.</i> |  |          |               |       |            |          |
|        |      |  |            |  | Riparian Grazing<br>Hydromodification<br>Removal of Riparian Vegetation<br>Streambank Modification/Destabilization<br>Erosion/Siltation<br>Nonpoint Source |          |               |       |            |          |
|        | E    | NAVARRO RIVER DELTA                      | 115.500    | Sedimentation/Siltation  |  | Medium   | 20            | Acres | 0208       | 1200     |
|        |      |  |            |  | Erosion/Siltation  |          |               |       |            |          |
| I      | L    | LAKE PILLSBURY                           | 111.650    | Mercury  | Natural Sources  | Low      | 2280          | Acres | 1200       | 1211     |
|        |      | Added-see attachment 2-Resolution 98-055 |            |  |  |          |               |       |            |          |
|        | R    | ALBION RIVER                             | 113.400    | Sedimentation/Siltation  |  | Medium   |               | Miles | 0209       | 1201     |
|        |      |  |            | <i>USEPA is preparing TMDL for Albion River.</i>   |  |          |               |       |            |          |
|        |      |  |            |  | Silviculture<br>Nonpoint Source  |          |               |       |            |          |
|        | R    | AMERICANO CREEK                          | 115.300    | Nutrients  | Pasture Land<br>Riparian Grazing<br>Upland Grazing<br>Animal Operations<br>Manure Lagoons<br>Dairies   | Medium   |               | Miles | 0497       | 0206     |
|        |      |  |            | <i>(See Estero Americano)</i>  |  |          |               |       |            |          |

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| REGION | TYPE | NAME                        | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                          | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|-----------------------------|------------|--|---------------------------------|----------|---------------|-------|------------|----------|
| R      |      | BIG RIVER                   | 113.300    | Sedimentation/Siltation  | Silviculture<br>Nonpoint Source | Medium   | 40            | Miles | 0299       | 1201     |
| R      |      | EEL RIVER, MIDDLE FORK      | 111.700    | Sedimentation/Siltation  |                                 | Low      | 64            | Miles | 0201       | 1205     |
|        |      |                             |            | <i>USEPA will develop a TMDL for Eel River, Middle Fork</i>  |                                 |          |               |       |            |          |
|        |      |                             |            | Erosion/Siltation  |                                 |          |               |       |            |          |
|        |      |                             |            | Temperature  |                                 | Low      | 64            | Miles | 0201       | 1205     |
|        |      |                             |            | <i>USEPA will develop a TMDL for Eel River, Middle Fork.</i>   |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |
| R      |      | EEL RIVER, MIDDLE MAIN FORK | 111.70     | Sedimentation/Siltation  |                                 | Low      | 1075.38       | Miles | 0205       | 1205     |
|        |      |                             |            | <i>USEPA will develop a TMDL for Eel River, Middle Main Fork</i>   |                                 |          |               |       |            |          |
|        |      |                             |            | Range Land   |                                 |          |               |       |            |          |
|        |      |                             |            | Silviculture   |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |
|        |      |                             |            | Temperature  |                                 | Low      | 1075.38       | Miles | 0205       | 1205     |
|        |      |                             |            | <i>USEPA will develop a TMDL for Eel River, Middle Main Fork.</i>  |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |
| R      |      | EEL RIVER, NORTH FORK       | 111.500    | Sedimentation/Siltation  |                                 | Low      | 41            | Miles | 0200       | 1202     |
|        |      |                             |            | <i>USEPA will develop TMDL for Eel River, North Fork</i>   |                                 |          |               |       |            |          |
|        |      |                             |            | Silviculture   |                                 |          |               |       |            |          |
|        |      |                             |            | Logging Road Construction/Maintenance  |                                 |          |               |       |            |          |
|        |      |                             |            | Erosion/Siltation  |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |
|        |      |                             |            | Temperature  |                                 | Low      | 41            | Miles | 0100       | 1202     |
|        |      |                             |            | <i>USEPA will develop TMDL for Eel River, North Fork.</i>  |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |
| R      |      | EEL RIVER, SOUTH FORK       | 111.300    | Sedimentation/Siltation  |                                 | Low      | 85            | Miles | 0297       | 1299     |
|        |      |                             |            | <i>USEPA is developing TMDL for Eel River, South Fork. Sediment and temperature TMDLs will be developed for: (1) the area tributary to and including the South Fork of the Eel River above Garberville and (2) the area tributary to and including the South For of the Eel River below Garberville.</i> |                                 |          |               |       |            |          |
|        |      |                             |            | Range Land   |                                 |          |               |       |            |          |
|        |      |                             |            | Silviculture   |                                 |          |               |       |            |          |
|        |      |                             |            | Logging Road Construction/Maintenance  |                                 |          |               |       |            |          |
|        |      |                             |            | Resource Extraction  |                                 |          |               |       |            |          |
|        |      |                             |            | Hydromodification  |                                 |          |               |       |            |          |
|        |      |                             |            | Flow Regulation/Modification   |                                 |          |               |       |            |          |
|        |      |                             |            | Removal of Riparian Vegetation   |                                 |          |               |       |            |          |
|        |      |                             |            | Erosion/Siltation  |                                 |          |               |       |            |          |
|        |      |                             |            | Nonpoint Source  |                                 |          |               |       |            |          |

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|--------|------|----------------------------|------------|--|--------|----------|---------------|-------|------------|----------|
|        |      |                            |            | Temperature  |        | Low      | 85            | Miles | 0297       | 1299     |
|        |      |                            |            | <i>USEPA is developing TMDL for Eel River, South Fork.</i>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Hydromodification</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Flow Regulation/Modification</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Removal of Riparian Vegetation</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Erosion/Siltation</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Nonpoint Source</b>   |        |          |               |       |            |          |
| R      |      | EEL RIVER, UPPER MAIN FORK | 111.60     | Sedimentation/Siltation  |        | Low      | 1154.24       | Miles | 0202       | 1204     |
|        |      |                            |            | <i>USEPA will develop a TMDL for Eel River, Upper Main Fork.</i>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Range Land</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Silviculture</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Nonpoint Source</b>   |        |          |               |       |            |          |
|        |      |                            |            | Temperature  |        | Low      | 1154.24       | Miles | 0202       | 1204     |
|        |      |                            |            | <i>USEPA will develop a TMDL for Eel River, Upper Main Fork.</i>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Nonpoint Source</b>   |        |          |               |       |            |          |
| R      |      | ELK RIVER                  | 110.000    | Sedimentation/Siltation  |        | Medium   | 87            | Miles | 0207       | 2009     |
|        |      |                            |            | <i>Sedimentation, threat of sedimentation, impaired irrigation water quality, impaired domestic supply water quality, impaired spawning habitat, increased rate and depth of flooding due to sediment, property damage. Regional Water Board and California Department of Forestry staff are involved in ongoing efforts to attain adherence to Forest Practice Rules. It is possible that compliance will bring attainment prior to TMDL development.</i> |        |          |               |       |            |          |
|        |      |                            |            | <b>Silviculture</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Harvesting, Restoration, Residue Management</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Logging Road Construction/Maintenance</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Removal of Riparian Vegetation</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Streambank Modification/Destabilization</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Erosion/Siltation</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Nonpoint Source</b>   |        |          |               |       |            |          |
| R      |      | FRESHWATER CREEK           | 110.000    | Sedimentation/Siltation  |        | Medium   | 72.67         | Miles | 0208       | 1210     |
|        |      |                            |            | <i>Sedimentation, threat of sedimentation, impaired irrigation water quality, impaired domestic supply water quality, impaired spawning habitat, increased rate and depth of flooding due to sediment, property damage. Regional Water Board and California Department of Forestry staff are involved in ongoing efforts to attain adherence to Forest Practice Rules. It is possible that compliance will bring attainment prior to TMDL development.</i> |        |          |               |       |            |          |
|        |      |                            |            | <b>Silviculture</b>  |        |          |               |       |            |          |
|        |      |                            |            | <b>Harvesting, Restoration, Residue Management</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Logging Road Construction/Maintenance</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Erosion/Siltation</b>   |        |          |               |       |            |          |
|        |      |                            |            | <b>Nonpoint Source</b>   |        |          |               |       |            |          |

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|--------|------|---------------|------------|---|--------|----------|---------------|-------|------------|----------|
| R      |      | GARCIA RIVER  | 113.700    | Sedimentation/Siltation   |        | High     | 39            | Miles | 0997       | 1207     |
|        |      |               |            | <p><i>The Regional Water Board is involved in extended public hearings to consider the adoption of a TMDL for sediment control on the Garcia River. In January, 1998, USEPA issued public notice for adoption and promulgation of a TMDL for sediment on the Garcia River.</i></p>  |        |          |               |       |            |          |
|        |      |               |            | Riparian Grazing  |        |          |               |       |            |          |
|        |      |               |            | Silviculture  |        |          |               |       |            |          |
|        |      |               |            | Harvesting, Restoration, Residue Management   |        |          |               |       |            |          |
|        |      |               |            | Logging Road Construction/Maintenance   |        |          |               |       |            |          |
|        |      |               |            | Removal of Riparian Vegetation  |        |          |               |       |            |          |
|        |      |               |            | Streambank Modification/Destabilization   |        |          |               |       |            |          |
|        |      |               |            | Channel Erosion   |        |          |               |       |            |          |
|        |      |               |            | Erosion/Siltation   |        |          |               |       |            |          |
|        |      |               |            | Nonpoint Source   |        |          |               |       |            |          |
|        |      |               |            | Temperature   |        | High     | 39            | Miles | 0208       | 2000     |
|        |      |               |            | <p><i>Elevated temperatures impacting coldwater fisheries in these reaches and sub-areas: Planning Units 113.70010 (Pardaloe Creek), 113.70011, 12, 13, 14, 20, 21, and the entire mainstem Garcia River from Pardaloe Creek to the estuary, which includes that portion of 113.70012, 23, 24, 25, and 26. February 1998 - The Regional Water Board is working to adopt a TMDL for sediment on the Garcia River. It is possible that voluntary compliance with measures in this TMDL will improve conditions related to temperature prior to development of a TMDL for temperature.</i></p> |        |          |               |       |            |          |
|        |      |               |            | Habitat Modification  |        |          |               |       |            |          |
|        |      |               |            | Removal of Riparian Vegetation  |        |          |               |       |            |          |
|        |      |               |            | Streambank Modification/Destabilization   |        |          |               |       |            |          |
|        |      |               |            | Nonpoint Source   |        |          |               |       |            |          |
| R      |      | GUALALA RIVER | 113.800    | Sedimentation/Siltation   |        | Medium   | 35            | Miles | 0490       | 1201     |
|        |      |               |            | Specialty Crop Production   |        |          |               |       |            |          |
|        |      |               |            | Silviculture  |        |          |               |       |            |          |
|        |      |               |            | Harvesting, Restoration, Residue Management   |        |          |               |       |            |          |
|        |      |               |            | Logging Road Construction/Maintenance   |        |          |               |       |            |          |
|        |      |               |            | Road Construction   |        |          |               |       |            |          |
|        |      |               |            | Land Development  |        |          |               |       |            |          |
|        |      |               |            | Disturbed Sites (Land Develop.)   |        |          |               |       |            |          |
|        |      |               |            | Erosion/Siltation   |        |          |               |       |            |          |
|        |      |               |            | Nonpoint Source   |        |          |               |       |            |          |
| R      |      | KLAMATH RIVER | 105.000    | Nutrients   |        | Medium   | 190           | Miles | 0401       | 0404     |
|        |      |               |            | <p><i>Nutrient TMDLs will be developed for the area tributary to and including: Clear Lake Reservoir Area<br/>Lost River/Tule Lake to Oregon border<br/>Oregon border to Iron Gate dam<br/>Iron Gate Dam to Scott River<br/>Scott River to Trinity River<br/>Trinity River to the Coast</i></p>   |        |          |               |       |            |          |
|        |      |               |            | Municipal Point Sources   |        |          |               |       |            |          |
|        |      |               |            | Irrigated Crop Production   |        |          |               |       |            |          |
|        |      |               |            | Agricultural Return Flows   |        |          |               |       |            |          |
|        |      |               |            | Nonpoint Source   |        |          |               |       |            |          |

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|--------|------|---------------|------------|--|---|----------|---------------|-------|------------|----------|
|        |      |               |            | Org. enrichment/Low D.O.   |   | Medium   | 180           | Miles | 0202       | 1204     |
|        |      |               |            | <i>Dissolved oxygen levels do not meet Basin Plan Objective. Fisheries habitat is impaired due to low dissolved oxygen levels. Dissolved Oxygen TMDL will be developed for the mainstem of the Klamath River.</i>      |   |          |               |       |            |          |
|        |      |               |            |  | Municipal Point Sources                 |          |               |       |            |          |
|        |      |               |            |  | Agricultural Return Flows               |          |               |       |            |          |
|        |      |               |            |  | Flow Regulation/Modification            |          |               |       |            |          |
|        |      |               |            | Temperature  |   | Medium   | 190           | Miles | 0402       | 0404     |
|        |      |               |            | <i>Temperature TMDLs will be developed for the area tributary to and including:</i>  |   |          |               |       |            |          |
|        |      |               |            |  | Clear Lake Reservoir Area               |          |               |       |            |          |
|        |      |               |            |  | Lost River/Tule Lake to Oregon border   |          |               |       |            |          |
|        |      |               |            |  | Oregon border to Iron Gate dam          |          |               |       |            |          |
|        |      |               |            |  | Iron Gate Dam to Scott River            |          |               |       |            |          |
|        |      |               |            |  | Scott River to Trinity River            |          |               |       |            |          |
|        |      |               |            |  | Trinity River to the Ocean              |          |               |       |            |          |
|        |      |               |            |  | Dam Construction/Operation              |          |               |       |            |          |
|        |      |               |            |  | Flow Regulation/Modification            |          |               |       |            |          |
|        |      |               |            |  | Water Diversions                        |          |               |       |            |          |
|        |      |               |            |  | Habitat Modification                    |          |               |       |            |          |
|        |      |               |            |  | Nonpoint Source                         |          |               |       |            |          |
| I      | R    | MAD RIVER     | 109,000    | Sedimentation/Siltation  |   | Low      | 90            | Miles | 0205       | 0207     |
|        |      |               |            | <i>USEPA will develop TMDL for the Mad River. Sediment TMDLs will be developed for the area tributary to and including: (1) the Mad River (North Fork), (2) the Mad River (Upper), and (3) the Mad River (Middle).</i> |   |          |               |       |            |          |
|        |      |               |            |  | Silviculture                            |          |               |       |            |          |
|        |      |               |            |  | Resource Extraction                     |          |               |       |            |          |
|        |      |               |            |  | Nonpoint Source                         |          |               |       |            |          |
|        |      |               |            | Turbidity  |   | Low      | 90            | Miles | 0205       | 0207     |
|        |      |               |            | <i>Turbidity TMDLs will be developed for the area tributary to and including: (1) the Mad River (North Fork), (2) the Mad River (Upper), and (3) the Mad River (Middle).</i>   |   |          |               |       |            |          |
|        |      |               |            |  | Silviculture                            |          |               |       |            |          |
|        |      |               |            |  | Resource Extraction                     |          |               |       |            |          |
|        |      |               |            |  | Nonpoint Source                         |          |               |       |            |          |
| R      |      | MATTOLE RIVER | 112,300    | Sedimentation/Siltation  |   | Medium   | 56            | Mile  | 0201       | 1202     |
|        |      |               |            |  | Specialty Crop Production               |          |               |       |            |          |
|        |      |               |            |  | Range Land                              |          |               |       |            |          |
|        |      |               |            |  | Riparian Grazing                        |          |               |       |            |          |
|        |      |               |            |  | Silviculture                            |          |               |       |            |          |
|        |      |               |            |  | Hydromodification                       |          |               |       |            |          |
|        |      |               |            |  | Habitat Modification                    |          |               |       |            |          |
|        |      |               |            |  | Removal of Riparian Vegetation          |          |               |       |            |          |
|        |      |               |            |  | Streambank Modification/Destabilization |          |               |       |            |          |
|        |      |               |            |  | Erosion/Siltation                       |          |               |       |            |          |
|        |      |               |            |  | Nonpoint Source                         |          |               |       |            |          |

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|--------|------|---------------|------------|-------------------------|--|----------|---------------|-------|------------|----------|
|        |      |               |            | Temperature             | Silviculture<br>Habitat Modification<br>Removal of Riparian Vegetation<br>Nonpoint Source  | Medium   | 56            | Miles | 0200       | 1202     |
| R      |      | NAVARRO RIVER | 113,500    | Sedimentation/Siltation | <i>Sediment TMDLs will be developed for: (1) the area tributary to and including the Navarro River above Philo and (2) the area tributary to and including the Navarro River below Philo.</i><br>Agriculture<br>Nonirrigated Crop Production<br>Irrigated Crop Production<br>Specialty Crop Production<br>Range Land<br>Riparian Grazing<br>Upland Grazing<br>Agriculture-grazing<br>Silviculture<br>Harvesting, Restoration, Residue Management<br>Logging Road Construction/Maintenance<br>Silvicultural Point Sources<br>Construction/Land Development<br>Highway/Road/Bridge Construction<br>Road Construction<br>Land Development<br>Disturbed Sites (Land Develop.)<br>Resource Extraction<br>Flow Regulation/Modification<br>Water Diversions<br>Habitat Modification<br>Removal of Riparian Vegetation<br>Streambank Modification/Destabilization<br>Drainage/Filling Of Wetlands<br>Channel Erosion<br>Erosion/Siltation<br>Nonpoint Source | Medium   | 25            | Miles | 0298       | 1200     |

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|--------|------|---------------|------------|--|--------|----------|---------------|-------|------------|----------|
|        |      |               |            | Temperature  |        | Medium   | 25            | Miles | 0298       | 1200     |
|        |      |               |            | <p><i>Temperature TMDLs will be developed for: (1) the area tributary to and including the Navarro River above Philo and (2) the area tributary to and including the Navarro River below Philo.</i></p> <p>Agriculture<br/>                     Agricultural Return Flows<br/>                     Resource Extraction<br/>                     Flow Regulation/Modification<br/>                     Water Diversions<br/>                     Agricultural Water Diversion<br/>                     Habitat Modification<br/>                     Removal of Riparian Vegetation<br/>                     Streambank Modification/Destabilization<br/>                     Drainage/Filling Of Wetlands<br/>                     Nonpoint Source</p> |        |          |               |       |            |          |
|        | R    | NOYO RIVER    | 115,200    |  |        |          |               |       |            |          |
|        |      |               |            | Sedimentation/Siltation  |        | Medium   | 35            | Miles | 0698       | 1299     |
|        |      |               |            | <p>Silviculture<br/>                     Nonpoint Source</p>   |        |          |               |       |            |          |
|        | R    | REDWOOD CREEK | 107,000    |  |        |          |               |       |            |          |
|        |      |               |            | Sedimentation/Siltation  |        | Low      | 65            | Miles | 0497       | 1298     |
|        |      |               |            | <p><i>Sediment TMDLs are being developed for: (1) the area tributary to and including the mainstem upstream of the Redwood National Park boundary and (2) for the area tributary to and including the mainstem within the Park boundary.</i></p> <p>Range Land<br/>                     Silviculture<br/>                     Nonpoint Source</p>  |        |          |               |       |            |          |

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

SWRCB adopted: 27-May-98

| REGION | TYPE | NAME          | HYDRO<br>UNIT | POLLUTANT/STRESSOR*   | SOURCE | PRIORITY | SIZE<br>AFFECTED | UNIT  | START<br>DATE | END<br>DATE |
|--------|------|---------------|---------------|---|--------|----------|------------------|-------|---------------|-------------|
| R      |      | RUSSIAN RIVER | 114.100       | Sedimentation/Siltation   |        | Medium   | 105              | Miles | 0209          | 1211        |
|        |      |               |               | <p><i>[Entire watershed, mainly tributaries.]</i><br/> <i>Sedimentation, threat of sedimentation, siltation, turbidity, bank erosion impaired spawning and rearing habitat, increased rate and depth of flooding due to sediment, property damage, in Russian River and tributaries. Aggradation in the main stem Russian River. Sonoma County Water Agency has begun a comprehensive Endangered Species Act habitat assessment. This project should arrive at assessment and control measures equivalent to TMDL allocation and attainment strategies.</i></p>   |        |          |                  |       |               |             |
|        |      |               |               | <ul style="list-style-type: none"> <li>Specialty Crop Production</li> <li>Riparian Grazing</li> <li>Upland Grazing</li> <li>Agriculture-storm runoff</li> <li>Silviculture</li> <li>Harvesting, Restoration, Residue Management</li> <li>Logging Road Construction/Maintenance</li> <li>Construction/Land Development</li> <li>Highway/Road/Bridge Construction</li> <li>Road Construction</li> <li>Land Development</li> <li>Disturbed Sites (Land Develop.)</li> <li>Other Urban Runoff</li> <li>Hydromodification</li> <li>Channelization</li> <li>Flow Regulation/Modification</li> <li>Habitat Modification</li> <li>Removal of Riparian Vegetation</li> <li>Streambank Modification/Destabilization</li> <li>Drainage/Filling Of Wetlands</li> <li>Channel Erosion</li> <li>Erosion/Siltation</li> <li>Nonpoint Source</li> </ul> |        |          |                  |       |               |             |
| R      |      | SCOTT RIVER   | 105.400       | Sedimentation/Siltation   |        | Low      | 68               | Miles | 0205          | 0405        |
|        |      |               |               | <ul style="list-style-type: none"> <li>Irrigated Crop Production</li> <li>Pasture Land</li> <li>Silviculture</li> <li>Resource Extraction</li> <li>Mine Tailings</li> <li>Nonpoint Source</li> </ul>  |        |          |                  |       |               |             |

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SWRCB adopted: 27-May-98

| REGION | TYPE | NAME           | HYDRO UNIT | POLLUTANT/STRESSOR*      | SOURCE   | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|----------------|------------|--------------------------|--|----------|---------------|-------|------------|----------|
|        |      |                |            | Temperature              | Irrigated Crop Production<br>Pasture Land<br>Agricultural Return Flows<br>Silviculture<br>Water Diversions<br>Habitat Modification<br>Removal of Riparian Vegetation<br>Streambank Modification/Destabilization<br>Drainage/Filling Of Wetlands<br>Nonpoint Source   | Low      | 68            | Miles | 0205       | 0405     |
| R      |      | SHASTA RIVER   | 105.500    | Org. enrichment/Low D.O. | Riparian Grazing<br>Agricultural Return Flows<br>Flow Regulation/Modification  | Low      | 52            | Miles | 0205       | 0905     |
|        |      |                |            | Temperature              | Agriculture-irrigation tailwater<br>Water Diversions<br>Agricultural Water Diversion<br>Habitat Modification<br>Removal of Riparian Vegetation<br>Drainage/Filling Of Wetlands<br>Nonpoint Source<br>Nonpoint Source   | Low      | 52            | Miles | 0205       | 0905     |
| R      |      | TEN MILE RIVER | 113.130    | Sedimentation/Siltation  | <i>USEPA is developing TMDL for Ten Mile River.</i><br>Silviculture<br>Nonpoint Source   | Low      | 10            | Miles | 0298       | 1200     |
| R      |      | TOMKI CREEK    | 111.620    | Sedimentation/Siltation  | <i>USEPA will develop TMDL's for Eel River Watershed in the Tomki Creek vicinity. Tomki Creek, tributary to the Eel River, has been listed under Clean Water Act Section 303(d) due to the effects of sedimentation. Restoration effort has targeted the riparian area. Tomki Creek is under consideration for removal from the 303(d) list.</i><br>Range Land<br>Silviculture<br>Erosion/Siltation<br>Nonpoint Source | Medium   | 18            | Miles | 0202       | 1204     |

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| REGION | TYPE | NAME                      | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|---------------------------|------------|--|--------|----------|---------------|-------|------------|----------|
| R      |      | TRINITY RIVER             | 106.000    | Sedimentation/Siltation  |        | Medium   | 170           | Miles | 0100       | 1201     |
|        |      |                           |            | <p><i>USEPA will develop TMDL for Trinity River. Sediment TMDLs will be developed for the area tributary to and including: (1) the Trinity River (Upper), (2) the Trinity River (Middle), and (3) the Trinity River (Lower).</i></p> <p>Range Land<br/>Silviculture<br/>Resource Extraction<br/>Mine Tailings<br/>Nonpoint Source</p>  |        |          |               |       |            |          |
| R      |      | TRINITY RIVER, SOUTH FORK | 106.200    | Sedimentation/Siltation  |        | Low      | 80            | Miles | 0397       | 1298     |
|        |      |                           |            | <p><i>USEPA will be developing TMDL for South Fork Trinity River. Sediment TMDLs will be developed for: (1) areas tributary to and including Hayfork/Corral Creeks and (2) areas tributary to and including the South Fork of the Trinity River except Hayfork/Corral Creeks</i></p> <p>Riparian Grazing<br/>Silviculture<br/>Nonpoint Source</p>  |        |          |               |       |            |          |
|        |      |                           |            | Temperature  |        | Low      | 80            | Miles | 0206       | 1208     |
|        |      |                           |            | <p><i>Elevated temperatures impact coldwater fisheries. USEPA will be developing TMDL for South Fork Trinity River.</i></p> <p>Riparian Grazing<br/>Water Diversions<br/>Habitat Modification<br/>Removal of Riparian Vegetation<br/>Streambank Modification/Destabilization</p>   |        |          |               |       |            |          |
| R      |      | VAN DUZEN RIVER           | 111.200    | Sedimentation/Siltation  |        | Low      | 63            | Miles | 0297       | 1299     |
|        |      |                           |            | <p><i>USEPA is developing TMDL for Van Duzen River. Sediment TMDLs will be developed for: (1) areas tributary to and including Yager Creek, (2) areas tributary to and including the Van Duzen River above Bridgeville, and (3) areas tributary to and including the Van Duzen River below Bridgeville.</i></p> <p>Range Land<br/>Silviculture<br/>Erosion/Siltation<br/>Nonpoint Source</p> |        |          |               |       |            |          |
| 2      | B    | CARQUINEZ STRAIT          | 207.100    | Copper   |        | Medium   | 6560          | Acres | 2003       | 2008     |
|        |      |                           |            | <p><i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i></p> <p>Municipal Point Sources<br/>Urban Runoff/Storm Sewers<br/>Other<br/>Atmospheric Deposition</p>  |        |          |               |       |            |          |
|        |      |                           |            | Diazinon   |        | Medium   | 6560          | Acres | 2004       | 2005     |
|        |      |                           |            | <p><i>Diazinon levels cause water column toxicity. Two patterns; pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i></p> <p>Nonpoint Source</p>                       |        |          |               |       |            |          |

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| REGION | TYPE | NAME           | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                        | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|----------------|------------|--|-------------------------------|----------|---------------|-------|------------|----------|
|        |      |                |            | Exotic Species   |                               | High     | 6560          | Acres | 1998       | 2005     |
|        |      |                |            | <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>  |                               |          |               |       |            |          |
|        |      |                |            |  | Ballast Water                 |          |               |       |            |          |
|        |      |                |            | Mercury  |                               | High     | 6560          | Acres | 1998       | 2005     |
|        |      |                |            | <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>   |                               |          |               |       |            |          |
|        |      |                |            |  | Industrial Point Sources      |          |               |       |            |          |
|        |      |                |            |  | Municipal Point Sources       |          |               |       |            |          |
|        |      |                |            |  | Resource Extraction           |          |               |       |            |          |
|        |      |                |            |  | Atmospheric Deposition        |          |               |       |            |          |
|        |      |                |            |  | Natural Sources               |          |               |       |            |          |
|        |      |                |            |  | Nonpoint Source               |          |               |       |            |          |
|        |      |                |            | Nickel   |                               | Low      | 6560          | Acres | 2006       | 2010     |
|        |      |                |            | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |                               |          |               |       |            |          |
|        |      |                |            |  | Municipal Point Sources       |          |               |       |            |          |
|        |      |                |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                |            |  | Other                         |          |               |       |            |          |
|        |      |                |            | PCBs   |                               | Medium   | 6560          | Acres | 2005       | 2008     |
|        |      |                |            | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |                               |          |               |       |            |          |
|        |      |                |            |  | Unknown Nonpoint Source       |          |               |       |            |          |
|        |      |                |            | Selenium   |                               | Low      | 6560          | Acres | 2006       | 2010     |
|        |      |                |            | <i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds; significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i> |                               |          |               |       |            |          |
|        |      |                |            |  | Industrial Point Sources      |          |               |       |            |          |
|        |      |                |            |  | Agriculture                   |          |               |       |            |          |
| B      |      | RICHARDSON BAY | 203.130    | Exotic Species   |                               | High     | 2560          | Acres | 1998       | 2005     |
|        |      |                |            | <i>Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.</i>   |                               |          |               |       |            |          |
|        |      |                |            |  | Ballast Water                 |          |               |       |            |          |
|        |      |                |            | High Coliform Count  |                               | Medium   | 200           | Acres | 2005       | 2008     |
|        |      |                |            | <i>Affected area, Waldo Point Harbor, is less than 10% of embayment; source has been positively identified as substandard sewage systems in some houseboat areas; extensive local control program in place with significant water quality improvements.</i>  |                               |          |               |       |            |          |
|        |      |                |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                |            |  | Septage Disposal              |          |               |       |            |          |
|        |      |                |            |  | Boat Discharges/Vessel Wastes |          |               |       |            |          |

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SWRCB adopted: 27-May-98

| REGION | TYPE | NAME                       | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                    | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|----------------------------|------------|--|---------------------------|----------|---------------|-------|------------|----------|
|        |      |                            |            | Mercury  |                           | High     | 2560          | Acres | 1998       | 2001     |
|        |      |                            |            | <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i> |                           |          |               |       |            |          |
|        |      |                            |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                            |            |  | Resource Extraction       |          |               |       |            |          |
|        |      |                            |            |  | Atmospheric Deposition    |          |               |       |            |          |
|        |      |                            |            |  | Natural Sources           |          |               |       |            |          |
|        |      |                            |            |  | Nonpoint Source           |          |               |       |            |          |
|        |      |                            |            | PCBs   |                           | Medium   | 2560          | Acres | 2001       | 2008     |
|        |      |                            |            | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |                           |          |               |       |            |          |
|        |      |                            |            |  | Unknown Nonpoint Source   |          |               |       |            |          |
| B      |      | SAN FRANCISCO BAY, CENTRAL | 203.120    |  |                           |          |               |       |            |          |
|        |      |                            |            | Copper   |                           | Medium   | 67700         | Acres | 2001       | 2008     |
|        |      |                            |            | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |                           |          |               |       |            |          |
|        |      |                            |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                            |            |  | Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                            |            |  | Other                     |          |               |       |            |          |
|        |      |                            |            |  | Atmospheric Deposition    |          |               |       |            |          |
|        |      |                            |            | Diazinon   |                           | Medium   | 67700         | Acres | 2000       | 2005     |
|        |      |                            |            | <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>   |                           |          |               |       |            |          |
|        |      |                            |            |  | Nonpoint Source           |          |               |       |            |          |
|        |      |                            |            | Exotic Species   |                           | High     | 67700         | Acres | 1998       | 2001     |
|        |      |                            |            | <i>Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.</i>   |                           |          |               |       |            |          |
|        |      |                            |            |  | Ballast Water             |          |               |       |            |          |
|        |      |                            |            | Mercury  |                           | High     | 67700         | Acres | 1998       | 2001     |
|        |      |                            |            | <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i> |                           |          |               |       |            |          |
|        |      |                            |            |  | Industrial Point Sources  |          |               |       |            |          |
|        |      |                            |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                            |            |  | Resource Extraction       |          |               |       |            |          |
|        |      |                            |            |  | Atmospheric Deposition    |          |               |       |            |          |
|        |      |                            |            |  | Natural Sources           |          |               |       |            |          |
|        |      |                            |            |  | Nonpoint Source           |          |               |       |            |          |
|        |      |                            |            | PCBs   |                           | Medium   | 67700         | Acres | 2001       | 2008     |
|        |      |                            |            | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |                           |          |               |       |            |          |
|        |      |                            |            |  | Unknown Nonpoint Source   |          |               |       |            |          |

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| HYDRO  | POLLUTANT/STRESSOR  | SOURCE | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--|---|--------|----------|---------------|-------|------------|----------|
| 1 B SAN FRANCISCO BAY, LOWER   | Selenium  |        | Low      | 67700         | Acres | 2006       | 2010     |
|  | <p><i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds; significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scoup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i></p> |        |          |               |       |            |          |
|  | <p>Industrial Point Sources<br/>Agriculture<br/>Natural Sources<br/>Exotic Species</p>  |        |          |               |       |            |          |
|  | Copper  |        | Medium   | 79900         | Acres | 2005       | 2008     |
|  | <p><i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i></p>   |        |          |               |       |            |          |
|  | <p>Municipal Point Sources<br/>Urban Runoff/Storm Sewers<br/>Other<br/>Atmospheric Deposition</p>   |        |          |               |       |            |          |
|  | Diazinon  |        | Medium   | 79900         | Acres | 2005       | 2005     |
|  | <p><i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i></p>   |        |          |               |       |            |          |
|  | <p>Nonpoint Source</p>  |        |          |               |       |            |          |
|  | Exotic Species  |        | High     | 79900         | Acres | 1998       | 2005     |
| <p><i>Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.</i></p>  |   |        |          |               |       |            |          |
| <p>Ballast Water</p>   |   |        |          |               |       |            |          |
| Mercury  |   | High   | 79900    | Acres         | 1998  | 2005       |          |
| <p><i>Current data indicate fish consumption and wildlife consumption impacted uses; health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources; water objective exceedances. Elevated sediment levels, elevated tissue levels.</i></p> |   |        |          |               |       |            |          |
| <p>Industrial Point Sources<br/>Municipal Point Sources<br/>Resource Extraction<br/>Atmospheric Deposition<br/>Natural Sources<br/>Nonpoint Source</p>   |   |        |          |               |       |            |          |
| Nickel   |   | Medium | 79900    | Acres         | 2005  | 2008       |          |
| <p><i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels of nickel.</i></p>  |   |        |          |               |       |            |          |
| <p>Municipal Point Sources<br/>Urban Runoff/Storm Sewers<br/>Other<br/>Atmospheric Deposition</p>  |   |        |          |               |       |            |          |
| PCBs   |   | Medium | 79900    | Acres         | 2005  | 2008       |          |
| <p><i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i></p>   |   |        |          |               |       |            |          |
| <p>Unknown Nonpoint Source</p>   |   |        |          |               |       |            |          |

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|--|------|------|------------|---------------------|--------|----------|---------------|-------|------------|----------|
| SAN FRANCISCO BAY, SOUTH   |      |      | 205.100    | Copper              |        | High     | 24500         | Acres | 1998       | 2007     |
| <p><i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i></p> <p style="margin-left: 40px;">Municipal Point Sources<br/>Urban Runoff/Storm Sewers<br/>Other<br/>Atmospheric Deposition</p>   |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | Diazinon            |        | Medium   | 24500         | Acres | 2000       | 2007     |
| <p><i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i></p> <p style="margin-left: 40px;">Nonpoint Source</p>  |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | Exotic Species      |        | High     | 24500         | Acres | 1998       | 2007     |
| <p><i>Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.</i></p> <p style="margin-left: 40px;">Ballast Water</p>  |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | Mercury             |        | High     | 24500         | Acres | 1998       | 2007     |
| <p><i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources; water objective exceedances. Elevated sediment levels, elevated tissue levels.</i></p> <p style="margin-left: 40px;">Industrial Point Sources<br/>Municipal Point Sources<br/>Resource Extraction<br/>Atmospheric Deposition<br/>Natural Sources<br/>Nonpoint Source</p> |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | Nickel              |        | High     | 24500         | Acres | 1998       | 2007     |
| <p><i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i></p> <p style="margin-left: 40px;">Municipal Point Sources<br/>Urban Runoff/Storm Sewers<br/>Other</p>  |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | PCBs                |        | Medium   | 24500         | Acres | 2007       | 2008     |
| <p><i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i></p> <p style="margin-left: 40px;">Unknown Nonpoint Source</p>   |      |      |            |                     |        |          |               |       |            |          |
|  |      |      |            | Selenium            |        | Low      | 24500         | Acres | 2006       | 2011     |
| <p><i>A formal health advisory has been issued by OEHHA for benthic-feeding ducks in South San Francisco Bay. This health advisory clearly establishes that water contact recreation beneficial use (REC-1) is not fully supported and standards are not fully met.</i></p> <p style="margin-left: 40px;">Agriculture<br/>Domestic Use of Ground Water</p>   |      |      |            |                     |        |          |               |       |            |          |

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|--------|------|---------------|---------------|--|--------|----------|------------------|-------|---------------|-------------|
| 2      | B    | SAN PABLO BAY | 206.100       |  |        |          |                  |       |               |             |
|        |      |               |               | <b>Copper</b>  |        | Medium   | 71300            | Acres | 2003          | 2008        |
|        |      |               |               | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |        |          |                  |       |               |             |
|        |      |               |               | Municipal Point Sources  |        |          |                  |       |               |             |
|        |      |               |               | Urban Runoff/Storm Sewers  |        |          |                  |       |               |             |
|        |      |               |               | Atmospheric Deposition   |        |          |                  |       |               |             |
|        |      |               |               | Other  |        |          |                  |       |               |             |
|        |      |               |               | <b>Diazinon</b>  |        | Medium   | 71300            | Acres | 2000          | 2005        |
|        |      |               |               | <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>   |        |          |                  |       |               |             |
|        |      |               |               | Nonpoint Source  |        |          |                  |       |               |             |
|        |      |               |               | <b>Exotic Species</b>  |        | High     | 71300            | Acres | 1998          | 2003        |
|        |      |               |               | <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>  |        |          |                  |       |               |             |
|        |      |               |               | Ballast Water  |        |          |                  |       |               |             |
|        |      |               |               | <b>Mercury</b>   |        | High     | 71300            | Acres | 1998          | 2003        |
|        |      |               |               | <i>Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>   |        |          |                  |       |               |             |
|        |      |               |               | Municipal Point Sources  |        |          |                  |       |               |             |
|        |      |               |               | Resource Extraction  |        |          |                  |       |               |             |
|        |      |               |               | Atmospheric Deposition   |        |          |                  |       |               |             |
|        |      |               |               | Natural Sources  |        |          |                  |       |               |             |
|        |      |               |               | Nonpoint Source  |        |          |                  |       |               |             |
|        |      |               |               | <b>Nickel</b>  |        | Low      | 71300            | Acres | 2006          | 2010        |
|        |      |               |               | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |        |          |                  |       |               |             |
|        |      |               |               | Municipal Point Sources  |        |          |                  |       |               |             |
|        |      |               |               | Urban Runoff/Storm Sewers  |        |          |                  |       |               |             |
|        |      |               |               | Other  |        |          |                  |       |               |             |
|        |      |               |               | <b>PCBs</b>  |        | Medium   | 71300            | Acres | 2003          | 2008        |
|        |      |               |               | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |        |          |                  |       |               |             |
|        |      |               |               | Unknown Nonpoint Source  |        |          |                  |       |               |             |
|        |      |               |               | <b>Selenium</b>  |        | Low      | 71300            | Acres | 2006          | 2011        |
|        |      |               |               | <i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i> |        |          |                  |       |               |             |
|        |      |               |               | Industrial Point Sources   |        |          |                  |       |               |             |
|        |      |               |               | Agriculture  |        |          |                  |       |               |             |
|        |      |               |               | Natural Sources  |        |          |                  |       |               |             |
|        |      |               |               | Exotic Species   |        |          |                  |       |               |             |

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

SWRCB adopted: 27-May-98

| REGION | TYPE | NAME        | HYDRO<br>UNIT | POLLUTANT/STRESSOR*  | SOURCE | PRIORITY | SIZE<br>AFFECTED | UNIT  | START<br>DATE | END<br>DATE |
|--------|------|-------------|---------------|--|--------|----------|------------------|-------|---------------|-------------|
| 1      | B    | SUISUN BAY  | 207.100       | <b>Copper</b>  |        | Medium   | 25000            | Acres | 2005          | 2008        |
|        |      |             |               | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |        |          |                  |       |               |             |
|        |      |             |               | Municipal Point Sources  |        |          |                  |       |               |             |
|        |      |             |               | Urban Runoff/Storm Sewers  |        |          |                  |       |               |             |
|        |      |             |               | Other  |        |          |                  |       |               |             |
|        |      |             |               | Atmospheric Deposition   |        |          |                  |       |               |             |
|        |      |             |               | <b>Diazinon</b>  |        | Medium   | 25000            | Acres | 2000          | 2005        |
|        |      |             |               | <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i>   |        |          |                  |       |               |             |
|        |      |             |               | Nonpoint Source  |        |          |                  |       |               |             |
|        |      |             |               | <b>Exotic Species</b>  |        | High     | 25000            | Acres | 1998          | 2005        |
|        |      |             |               | <i>Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.</i>  |        |          |                  |       |               |             |
|        |      |             |               | Ballast Water  |        |          |                  |       |               |             |
|        |      |             |               | <b>Mercury</b>   |        | High     | 25000            | Acres | 1998          | 2005        |
|        |      |             |               | <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>   |        |          |                  |       |               |             |
|        |      |             |               | Industrial Point Sources   |        |          |                  |       |               |             |
|        |      |             |               | Resource Extraction  |        |          |                  |       |               |             |
|        |      |             |               | Atmospheric Deposition   |        |          |                  |       |               |             |
|        |      |             |               | Natural Sources  |        |          |                  |       |               |             |
|        |      |             |               | Nonpoint Source  |        |          |                  |       |               |             |
|        |      |             |               | <b>Nickel</b>  |        | Low      | 25000            | Acres | 2006          | 2010        |
|        |      |             |               | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |        |          |                  |       |               |             |
|        |      |             |               | Municipal Point Sources  |        |          |                  |       |               |             |
|        |      |             |               | Urban Runoff/Storm Sewers  |        |          |                  |       |               |             |
|        |      |             |               | Other  |        |          |                  |       |               |             |
|        |      |             |               | <b>PCBs</b>  |        | Medium   | 25000            | Acres | 2005          | 2008        |
|        |      |             |               | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |        |          |                  |       |               |             |
|        |      |             |               | Unknown Nonpoint Source  |        |          |                  |       |               |             |
|        |      |             |               | <b>Selenium</b>  |        | Low      | 25000            | Acres | 2006          | 2010        |
|        |      |             |               | <i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds; significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i> |        |          |                  |       |               |             |
|        |      |             |               | Industrial Point Sources   |        |          |                  |       |               |             |
|        |      |             |               | Natural Sources  |        |          |                  |       |               |             |
|        |      |             |               | Exotic Species   |        |          |                  |       |               |             |
| 2      | B    | TOMALES BAY | 201.110       | <b>Metals</b>  |        | Medium   | 7820             | Acres | 2002          | 2007        |
|        |      |             |               | <i>TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>  |        |          |                  |       |               |             |
|        |      |             |               | Mine Tailings  |        |          |                  |       |               |             |

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

SWRCB adopted: 27-May-98

| REGION | TYPE | NAME                         | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                    | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|------------------------------|------------|--|---------------------------|----------|---------------|-------|------------|----------|
|        |      |                              |            | Nutrients  |                           | Medium   | 7820          | Acres | 2002       | 2007     |
|        |      |                              |            | <i>TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>  |                           |          |               |       |            |          |
|        |      |                              |            |  | Agriculture               |          |               |       |            |          |
|        |      |                              |            | Pathogens  |                           | Medium   | 7820          | Acres | 2002       | 2007     |
|        |      |                              |            | <i>TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>  |                           |          |               |       |            |          |
|        |      |                              |            |  | Animal Operations         |          |               |       |            |          |
|        |      |                              |            |  | Septage Disposal          |          |               |       |            |          |
|        |      |                              |            | Sedimentation/Siltation  |                           | Medium   | 7820          | Acres | 2002       | 2007     |
|        |      |                              |            | <i>TMDL will be developed as part of evolving watershed management effort. Tributary streams, Lagunitas Creek and Walker Creek, must be managed first. Additional monitoring and assessment needed.</i>  |                           |          |               |       |            |          |
|        |      |                              |            |  | Agriculture               |          |               |       |            |          |
|        |      |                              |            |  | Upstream Impoundment      |          |               |       |            |          |
| E      |      | SACRAMENTO SAN JOAQUIN DELTA | 207.100    |  |                           |          |               |       |            |          |
|        |      |                              |            | Copper   |                           | Medium   | 15000         | Acres | 2003       | 2008     |
|        |      |                              |            | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |                           |          |               |       |            |          |
|        |      |                              |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                              |            |  | Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                              |            |  | Other                     |          |               |       |            |          |
|        |      |                              |            |  | Atmospheric Deposition    |          |               |       |            |          |
|        |      |                              |            | Diazinon   |                           | Medium   | 15000         | Acres | 2000       | 2005     |
|        |      |                              |            | <i>Diazinon levels cause water column toxicity. Two patterns: pulses through riverine systems linked to agricultural application in late winter and pulse from residential land use areas linked to homeowner pesticide use in late spring, early summer. Chlorpyrifos may also be the cause of toxicity; more data needed, however.</i> |                           |          |               |       |            |          |
|        |      |                              |            |  | Nonpoint Source           |          |               |       |            |          |
|        |      |                              |            | Exotic Species   |                           | High     | 15000         | Acres | 1998       | 2003     |
|        |      |                              |            | <i>Disrupt natural benthos; change pollutant availability in food chain; endanger food availability to native species.</i>   |                           |          |               |       |            |          |
|        |      |                              |            |  | Ballast Water             |          |               |       |            |          |
|        |      |                              |            | Mercury  |                           | High     | 15000         | Acres | 1998       | 2003     |
|        |      |                              |            | <i>Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources.</i>   |                           |          |               |       |            |          |
|        |      |                              |            |  | Industrial Point Sources  |          |               |       |            |          |
|        |      |                              |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                              |            |  | Resource Extraction       |          |               |       |            |          |
|        |      |                              |            |  | Atmospheric Deposition    |          |               |       |            |          |
|        |      |                              |            |  | Nonpoint Source           |          |               |       |            |          |
|        |      |                              |            | Nickel   |                           | Low      | 15000         | Acres | 2006       | 2010     |
|        |      |                              |            | <i>Exceedance of California Toxic Rules dissolved criteria and National Toxic Rules total criteria; elevated water and sediment tissue levels.</i>   |                           |          |               |       |            |          |
|        |      |                              |            |  | Municipal Point Sources   |          |               |       |            |          |
|        |      |                              |            |  | Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                              |            |  | Other                     |          |               |       |            |          |
|        |      |                              |            | PCBs   |                           | Medium   | 15000         | Acres | 2003       | 2008     |
|        |      |                              |            | <i>Interim health advisory for fish; uncertainty regarding water column concentration data.</i>  |                           |          |               |       |            |          |
|        |      |                              |            |  | Unknown Nonpoint Source   |          |               |       |            |          |

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| REGION | TYPE | NAME                | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                   | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|---------------------|------------|--|--------------------------|----------|---------------|-------|------------|----------|
|        |      |                     |            | Selenium   |                          | Low      | 15000         | Acres | 2006       | 2010     |
|        |      |                     |            | <i>Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds; significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks); low TMDL priority because Individual Control Strategy in place.</i> |                          |          |               |       |            |          |
|        |      |                     |            |  | Industrial Point Sources |          |               |       |            |          |
|        |      |                     |            |  | Agriculture              |          |               |       |            |          |
|        |      |                     |            |  | Natural Sources          |          |               |       |            |          |
|        |      |                     |            |  | Exotic Species           |          |               |       |            |          |
|        | L    | CALERO RESERVOIR    | 205.400    | Mercury  |                          | High     | 350           | Acres | 1998       | 2005     |
|        |      |                     |            | <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Surface Mining           |          |               |       |            |          |
|        |      |                     |            |  | Mine Tailings            |          |               |       |            |          |
|        | L    | GUADALUPE RESERVOIR | 205.400    | Mercury  |                          | High     | 80            | Acres | 1998       | 2005     |
|        |      |                     |            | <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Surface Mining           |          |               |       |            |          |
|        |      |                     |            |  | Mine Tailings            |          |               |       |            |          |
|        |      | LAKE HERMAN         | 207.210    | Mercury  |                          | Low      | 110           | Acres | 2005       | 2010     |
|        |      |                     |            | <i>Additional monitoring and assessment needed. Problem due to historical mining.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Surface Mining           |          |               |       |            |          |
| 2      | R    | ALAMITOS CREEK      | 205.400    | Mercury  |                          | High     | 21            | Miles | 1998       | 2005     |
|        |      |                     |            | <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Mine Tailings            |          |               |       |            |          |
|        |      | BUTANO CREEK        | 202.400    | Sedimentation/Siltation  |                          | Medium   |               | Miles | 2000       | 2005     |
|        |      |                     |            | <i>Impairment to steelhead habitat.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Nonpoint Source          |          |               |       |            |          |
|        |      | GUADALUPE CREEK     | 205.400    | Mercury  |                          | High     | 6             | Miles | 1998       | 2005     |
|        |      |                     |            | <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Mine Tailings            |          |               |       |            |          |
|        | R    | GUADALUPE RIVER     | 205.400    | Mercury  |                          | High     | 30            | Miles | 1998       | 2005     |
|        |      |                     |            | <i>TMDL will be developed as part of the Santa Clara Basin Watershed Management Initiative. Additional monitoring and assessment is needed.</i>  |                          |          |               |       |            |          |
|        |      |                     |            |  | Mine Tailings            |          |               |       |            |          |

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|--------|------|-------------------------|------------|--|--------|----------|---------------|-------|------------|----------|
| 2      | R    | LAGUNITAS CREEK         | 201.130    | Nutrients  |        | Medium   | 22            | Miles | 2002       | 2007     |
|        |      |                         |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Urban Runoff/Storm Sewers   |        |          |               |       |            |          |
|        |      |                         |            | Pathogens  |        | Medium   | 22            | Miles | 2002       | 2007     |
|        |      |                         |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Urban Runoff/Storm Sewers   |        |          |               |       |            |          |
|        |      |                         |            | Sedimentation/Siltation  |        | Medium   | 22            | Miles | 2002       | 2007     |
|        |      |                         |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Urban Runoff/Storm Sewers   |        |          |               |       |            |          |
| 2      | R    | NAPA RIVER              | 206.500    | Nutrients  |        | Medium   | 55            | Miles | 2000       | 2005     |
|        |      |                         |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |        |          |               |       |            |          |
|        |      |                         |            | Agriculture  |        |          |               |       |            |          |
|        |      |                         |            | Pathogens  |        | Medium   | 55            | Miles | 2000       | 2005     |
|        |      |                         |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Urban Runoff/Storm Sewers   |        |          |               |       |            |          |
|        |      |                         |            | Sedimentation/Siltation  |        | High     | 55            | Miles | 1998       | 2005     |
|        |      |                         |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers  |        |          |               |       |            |          |
| 2      | R    | PESCADERO CREEK (REG 2) | 202.400    | Sedimentation/Siltation  |        | Medium   |               | Miles | 2000       | 2005     |
|        |      |                         |            | <i>Impairment to steelhead habitat.</i>  |        |          |               |       |            |          |
|        |      |                         |            | Nonpoint Source  |        |          |               |       |            |          |
| 2      | R    | PETALUMA RIVER          | 206.300    | Nutrients  |        | Medium   | 25            | Miles | 2000       | 2005     |
|        |      |                         |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |        |          |               |       |            |          |
|        |      |                         |            | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers  |        |          |               |       |            |          |

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|--------|------|------------------------|------------|--|---|----------|---------------|-------|------------|----------|
|        |      |                        |            | <b>Pathogens</b>   |   | Medium   | 25            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |   |          |               |       |            |          |
|        |      |                        |            |  | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                        |            | <b>Sedimentation/Siltation</b>   |   | Medium   | 25            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |   |          |               |       |            |          |
|        |      |                        |            |  | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers |          |               |       |            |          |
|        | R    | SAN FRANCISQUITO CREEK | 205.500    | <b>Sedimentation/Siltation</b>   |   | Medium   | 18            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>Impairment to steelhead habitat.</i>  |   |          |               |       |            |          |
|        |      |                        |            |  | Nonpoint Source   |          |               |       |            |          |
| 2      | R    | SAN GREGORIO CREEK     | 202.300    | <b>Sedimentation/Siltation</b>   |   | Medium   | 16            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>Impairment to steelhead habitat.</i>  |   |          |               |       |            |          |
|        |      |                        |            |  | Nonpoint Source   |          |               |       |            |          |
|        | R    | SONOMA CREEK           | 206.400    | <b>Nutrients</b>   |   | Medium   | 23            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |   |          |               |       |            |          |
|        |      |                        |            |  | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                        |            | <b>Pathogens</b>   |   | Medium   | 23            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |   |          |               |       |            |          |
|        |      |                        |            |  | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers |          |               |       |            |          |
|        |      |                        |            | <b>Sedimentation/Siltation</b>   |   | Medium   | 23            | Miles | 2000       | 2005     |
|        |      |                        |            | <i>TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed.</i>                             |   |          |               |       |            |          |
|        |      |                        |            |  | Agriculture<br>Construction/Land Development<br>Urban Runoff/Storm Sewers |          |               |       |            |          |
| 2      | R    | WALKER CREEK           | 201.120    | <b>Metals</b>  |   | Medium   | 25            | Miles | 2002       | 2007     |
|        |      |                        |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |   |          |               |       |            |          |
|        |      |                        |            |  | Surface Mining<br>Mine Tailings   |          |               |       |            |          |

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

SWRCB adopted: 27-May-98

| REGION | TYPE | NAME                  | HYDRO UNIT | POLLUTANT/STRESSOR*  | SOURCE                        | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|-----------------------|------------|--|-------------------------------|----------|---------------|-------|------------|----------|
|        |      |                       |            | Nutrients  |                               | Medium   | 25            | Miles | 2002       | 2007     |
|        |      |                       |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
|        |      |                       |            | Sedimentation/Siltation  |                               | Medium   | 25            | Miles | 2002       | 2007     |
|        |      |                       |            | <i>Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed.</i> |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
| 2      | T    | SUISUN MARSH WETLANDS | 207.230    | Metals   |                               | Medium   | 57000         | Acres | 2003       | 2008     |
|        |      |                       |            | <i>Additional monitoring and assessment needed.</i>  |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
|        |      |                       |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                       |            |  | Flow Regulation/Modification  |          |               |       |            |          |
|        |      |                       |            | Nutrients  |                               | Medium   | 57000         | Acres | 2003       | 2008     |
|        |      |                       |            | <i>Additional monitoring and assessment needed.</i>  |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
|        |      |                       |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                       |            |  | Flow Regulation/Modification  |          |               |       |            |          |
|        |      |                       |            | Org. enrichment/Low D.O.   |                               | Medium   | 57000         | Acres | 2003       | 2008     |
|        |      |                       |            | <i>Additional monitoring and assessment needed.</i>  |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
|        |      |                       |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                       |            |  | Flow Regulation/Modification  |          |               |       |            |          |
|        |      |                       |            | Salinity   |                               | Medium   | 57000         | Acres | 2003       | 2008     |
|        |      |                       |            | <i>Additional monitoring and assessment needed.</i>  |                               |          |               |       |            |          |
|        |      |                       |            |  | Agriculture                   |          |               |       |            |          |
|        |      |                       |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                       |            |  | Flow Regulation/Modification  |          |               |       |            |          |
| 3      | B    | MONTEREY HARBOR       | 309.500    | Metals   |                               | Medium   | 74            | Acres | 0198       | 0403     |
|        |      |                       |            |  | Railroad Slag Pile            |          |               |       |            |          |
|        |      |                       |            | Unknown Toxicity   |                               | Low      | 74            | Acres | 0198       | 0411     |
|        |      |                       |            |  | Source Unknown                |          |               |       |            |          |
| 5      | B    | MORRO BAY             | 310.220    | Metals   |                               | High     | 100           | Acres | 0696       | 0400     |
|        |      |                       |            |  | Surface Mining                |          |               |       |            |          |
|        |      |                       |            |  | Nonpoint Source               |          |               |       |            |          |
|        |      |                       |            |  | Boat Discharges/Vessel Wastes |          |               |       |            |          |
|        |      |                       |            | Pathogens  |                               | High     | 50            | Acres | 0696       | 0400     |
|        |      |                       |            |  | Upland Grazing                |          |               |       |            |          |
|        |      |                       |            |  | Urban Runoff/Storm Sewers     |          |               |       |            |          |
|        |      |                       |            |  | Septage Disposal              |          |               |       |            |          |
|        |      |                       |            |  | Natural Sources               |          |               |       |            |          |
|        |      |                       |            |  | Nonpoint Source               |          |               |       |            |          |

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| REGION | TYPE | NAME                                | HYDRO UNIT | POLLUTANT/STRESSOR*      | SOURCE   | PRIORITY | SIZE AFFECTED | UNIT  | START DATE | END DATE |
|--------|------|-------------------------------------|------------|--------------------------|--|----------|---------------|-------|------------|----------|
|        |      |                                     |            | Sedimentation/Siltation  | Agriculture<br>Irrigated Crop Production<br>Construction/Land Development<br>Resource Extraction<br>Channelization<br>Channel Erosion  | High     | 100           | Acres | 0606       | 0600     |
| 3      | B    | MOSS LANDING HARBOR                 | 306.000    | Pathogens                | Agriculture<br>Nonpoint Source<br>Boat Discharges/Vessel Wastes  | Low      | 40            | Acres | 0405       | 0409     |
|        |      |                                     |            | Pesticides               | Agriculture<br>Irrigated Crop Production<br>Specialty Crop Production  | Low      | 160           | Acres | 0405       | 0409     |
|        |      |                                     |            | Sedimentation/Siltation  | Agriculture<br>Irrigated Crop Production<br>Agriculture-storm runoff<br>Hydromodification<br>Dredging (Hydromod.)<br>Channel Erosion<br>Erosion/Siltation<br>Nonpoint Source | Low      | 160           | Acres | 0405       | 0409     |
| 3      | C    | MONTEREY BAY SOUTH                  | 309.500    | Metals                   | Surface Mining   | Low      | 10            | Miles | 0198       | 0411     |
|        |      |                                     |            | Pesticides               | Agriculture  | Low      | 10            | Miles | 0198       | 0411     |
|        | C    | PACIFIC OCEAN AT POINT RINCON       | 315.340    | Pathogens                | Urban Runoff/Storm Sewers<br>Nonpoint Source   | Medium   | 5             | Miles | 0406       | 0411     |
| 3      | E    | CARPINTERIA MARSH (EL ESTERO MARSH) | 315.340    | Nutrients                | Agriculture  | Low      | 80            | Acres | 0406       | 0411     |
|        |      |                                     |            | Org. enrichment/Low D.O. | Agriculture  | Low      | 80            | Acres | 0406       | 0411     |
|        |      |                                     |            | Priority Organics        | Agriculture<br>Urban Runoff/Storm Sewers   | Low      | 80            | Acres | 0406       | 0411     |

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| REGION                  | TYPE            | NAME                  | HYDRO UNIT | POLLUTANT/STRESSOR*   | SOURCE                        | PRIORITY                         | SIZE AFFECTED | UNIT  | START DATE | END DATE |  |  |  |  |
|-------------------------|-----------------|-----------------------|------------|---|-------------------------------|----------------------------------|---------------|-------|------------|----------|--|--|--|--|
| 3                       | E               | ELKHORN SLOUGH        | 306.000    | Sedimentation/Siltation   | Agriculture                   | Low                              | 80            | Acres | 0406       | 0411     |  |  |  |  |
|                         |                 |                       |            |   | Construction/Land Development |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            |   | Storm sewers                  |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            | Pathogens   | Natural Sources               | Low                              | 500           | Acres | 0405       | 0409     |  |  |  |  |
|                         |                 |                       |            |   | Nonpoint Source               |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            |   | Pesticides                    |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            | <i>Industrial discharge from PG&amp;E may transfer pollutants from Old Salinas river and Moss Landing Harbor to the slough.</i> |                               |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            | Sedimentation/Siltation   | Agriculture                   | Low                              | 50            | Acres | 0405       | 0409     |  |  |  |  |
|                         |                 |                       |            |   | Irrigated Crop Production     |                                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            |   | Agriculture-storm runoff      |                                  |               |       |            |          |  |  |  |  |
| Sedimentation/Siltation | Channel Erosion | Low                   | 50         | Acres   | 0405                          | 0409                             |               |       |            |          |  |  |  |  |
|                         | Nonpoint Source |                       |            |   |                               |                                  |               |       |            |          |  |  |  |  |
|                         | Pesticides      |                       |            |   |                               |                                  |               |       |            |          |  |  |  |  |
| 3                       | E               | GOLETA SLOUGH/ESTUARY | 315.310    | Metals  | Industrial Point Sources      | Low                              | 200           | Acres | 0406       | 0411     |  |  |  |  |
|                         |                 |                       |            | Pathogens   | Urban Runoff/Storm Sewers     | Low                              | 200           | Acres | 0406       | 0411     |  |  |  |  |
|                         |                 |                       |            | Priority Organics   | Nonpoint Source               | Low                              | 200           | Acres | 0406       | 0411     |  |  |  |  |
|                         |                 |                       |            | Sedimentation/Siltation   | Construction/Land Development | Low                              | 200           | Acres | 0406       | 0411     |  |  |  |  |
|                         |                 |                       |            | Nutrients   | Agriculture                   | Medium                           | 50            | Acres | 0198       | 0405     |  |  |  |  |
|                         |                 |                       |            | Irrigated Crop Production   | Agricultural Return Flows     | Nonpoint Source                  |               |       |            |          |  |  |  |  |
|                         |                 |                       |            | Pesticides  | Agriculture                   | Medium                           | 50            | Acres | 0198       | 0405     |  |  |  |  |
|                         |                 |                       |            | Irrigated Crop Production   | Agriculture-storm runoff      | Agriculture-irrigation tailwater |               |       |            |          |  |  |  |  |
|                         |                 |                       |            | Agricultural Return Flows   | Nonpoint Source               |                                  |               |       |            |          |  |  |  |  |

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|--------|------|------------------------------|------------|-------------------------|--|----------|---------------|-------|------------|----------|
|        | E    | SALINAS RIVER LAGOON (NORTH) | 309.100    | Nutrients               | Nonpoint Source  | Medium   | 75            | Acres | 0198       | 0401     |
|        |      |                              |            | Pesticides              | Agriculture  | Medium   | 75            | Acres | 0198       | 0401     |
|        |      |                              |            | Sedimentation/Siltation | Nonpoint Source  | Medium   | 75            | Acres | 0198       | 0401     |
| 3      | E    | SAN LORENZO RIVER ESTUARY    | 304.120    | Pathogens               | Urban Runoff/Storm Sewers<br>Natural Sources   | Medium   | 20            | Acres | 0499       | 0401     |
|        |      |                              |            | Sedimentation/Siltation | Hydromodification  | High     | 20            | Acres | 0198       | 0400     |
|        | E    | WATSONVILLE SLOUGH           | 305.100    | Metals                  | Agriculture<br>Urban Runoff/Storm Sewers   | Medium   | 300           | Acres | 0199       | 0401     |
|        |      |                              |            | Oil and grease          | Urban Runoff/Storm Sewers<br>Nonpoint Source   | Medium   | 300           | Acres | 0199       | 0401     |
|        |      |                              |            | Pathogens               | Urban Runoff/Storm Sewers<br>Source Unknown<br>Nonpoint Source   | Medium   | 300           | Acres | 0199       | 0401     |
|        |      |                              |            | Pesticides              | Agriculture<br>Irrigated Crop Production<br>Agriculture-storm runoff<br>Agricultural Return Flows<br>Nonpoint Source | Medium   | 300           | Acres | 0199       | 0401     |
|        |      |                              |            | Sedimentation/Siltation | Agriculture<br>Irrigated Crop Production<br>Agriculture-storm runoff<br>Nonpoint Source                              | Medium   | 300           | Acres | 0198       | 0401     |
| 3      | L    | HERNANDEZ RESERVOIR          | 305.500    | Mercury                 | Subsurface Mining  | Medium   | 619           | Acres | 0198       | 0401     |
| 3      | L    | NACIMIENTO RESERVOIR         | 309.820    | Metals                  | Subsurface Mining<br>Natural Sources   | High     | 5370          | Acres | 0991       | 0401     |

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|-------------------------|--|--------------------|------------|-------------------------|--|-----------------|---------------|-------|------------|----------|
| 3                       | R  | APTOS CREEK        | 304.130    | Pathogens               | Urban Runoff/Storm Sewers  | Low             | 4             | Miles | 0405       | 0411     |
|                         |  |                    |            | Sedimentation/Siltation | Disturbed Sites (Land Develop.)<br>Channel Erosion   | Medium          |               | Miles | 0101       | 0401     |
| 3                       | R  | ARROYO BURRO CREEK | 315.320    | Pathogens               | Urban Runoff/Storm Sewers<br>Nonpoint Source   | Medium          | 6             | Miles | 0406       | 0411     |
| 3                       | R  | BLANCO DRAIN       | 309.100    | Pesticides              | Agriculture<br>Irrigated Crop Production<br>Agriculture-storm runoff<br>Agriculture-irrigation tailwater<br>Agricultural Return Flows<br>Nonpoint Source | Medium          | 8             | Miles | 0198       | 0405     |
|                         |  |                    |            |                         | Nutrients  | Nonpoint Source | High          | 10    | Miles      | 0405     |
| Pathogens               | Urban Runoff/Storm Sewers<br>Nonpoint Source     | Medium             | 10         | Miles                   |  | 0409            | 0401          |       |            |          |
| Sedimentation/Siltation | Construction/Land Development<br>Nonpoint Source | High               | 10         | Miles                   |  | 0198            | 0400          |       |            |          |
| 3                       | R  | CARPINTERIA CREEK  | 315.340    | Pathogens               | Agriculture<br>Septage Disposal<br>Nonpoint Source   | Low             |               | Miles | 0406       |          |
| 3                       | R  | CHORRO CREEK       | 310.220    | Metals                  | Resource Extraction<br>Mine Tailings   | High            |               | Miles | 0696       | 0400     |
|                         |  |                    |            | Nutrients               | Municipal Point Sources<br>Agriculture<br>Irrigated Crop Production<br>Agriculture-storm runoff  | High            |               | Miles | 0696       | 0400     |

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