

Attachment IV TMDL Requirements

Attachment IVa identifies TMDLs adopted by the Regional Water Boards and approved by USEPA for which the Department has been assigned a Waste Load Allocation (WLA), where roads have been assigned a WLA or Load Allocation (LA), or which identifies the Department as a responsible party in the implementation plan.

Attachment IVb identifies the TMDLs established by USEPA. These TMDLs are established without implementation plans or compliance schedules. This summary is compiled for the convenience of the Department only¹. The Department is obligated to consult each TMDL to comply with all applicable allocations and other provisions, whether included in the table or not. Compliance with all TMDLs must be demonstrated to the satisfaction of the applicable Regional Water Board.

Column 1 identifies applicable Regional Water Board Basin Plan Amendments, orders and resolutions which contain the implementation requirements.

Column 2 contains a partial list of WLAs, LAs, deliverables and action items contained in the Basin Plan Amendments, orders and resolutions, and from required submittals by the Department to the Regional Water Boards that have previously been approved by the Executive Officers. WLAs are listed in Attachment 4 where the relevant TMDL assigns a specific numeric load to the Department.

Column 3 contains the associated due dates, compliance dates, and deadlines. All TMDL-related requirements with due dates, compliance dates, and deadlines prior to the effective date of this Order are enforceable through this Order as though the date or deadline is the same as the effective date of this Order. Dates beyond the term of this Order are included for reference, but will become enforceable through this Order in the event that this Order is administratively extended.

¹ This Attachment IV contains new specific permit requirements derived from San Francisco Bay Regional Water Board TMDLs for San Francisco Bay PCBs, San Francisco Bay Mercury, Sonoma Creek Sediment, and Napa River Sediment. Unlike the remainder of Attachment IV, these requirements are directly enforceable through this Order.

Attachment IVa – Regional Water Board Approved TMDLs

R1- North Coast Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Shasta River <i>Dissolved Oxygen & Temperature</i></p> <p>Effective Date: January 26, 2007</p> <p>BPA: Action Plan for the Shasta River Watershed Temperature and Dissolved Oxygen – June 28, 2006</p> <p>Resolution No. R1-2006-0052</p>	<p>WLA Temperature: None Specified</p> <p>Dissolved Oxygen: None Specified.</p> <p>Other Complete Lake Shastina Special Study: develop plan for addressing factors affecting water quality conditions.</p> <p>Implement the requirement of the Department Storm Water Program.</p> <p>Implement Lake Shastina Special Study Plan</p>	<p>None Specified</p> <p>None Specified</p> <p>January 26, 2009</p> <p>January 26, 2009</p> <p>January 26, 2012</p>
<p>Klamath River & Lost River <i>Temperature, Dissolved Oxygen, Nutrient, and Microcystin</i></p> <p>Effective Date: December 28, 2010</p> <p>BPA: Action Plan for Klamath River TMDLs Addressing Temperature, Dissolved Oxygen, Nutrient, and Microcystin Impairments in the Klamath River in California and Lost River Implementation Plan.</p> <p>Resolution No. R-2010-0026</p>	<p>WLA Temperature: None Specified</p> <p>Dissolved Oxygen: None Specified</p> <p>Nutrient: None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p> <p>Assessment of fish migration barriers and potential barriers. Develop priority ranking and time schedule for modifying barriers.</p>	<p>None Specified</p> <p>None Specified</p> <p>None Specified</p> <p>Annual Report</p> <p>Annual Report</p>
<p>Scott River <i>Sediment</i></p> <p>Effective Date: August 11, 2006</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None specified</p> <p>Annual Report</p>

R2 – San Francisco Bay Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>San Francisco Bay PCBs</p> <p>Effective Date: March 29, 2010</p> <p>BPA Exhibit A – TMDL & Implementation Plan for PCBs</p> <p>Resolution Nos. R1-2008-0012</p> <p>San Francisco Bay Mercury</p> <p>Effective Date: February 12, 2008</p> <p>BPA – Chapter 7, SF Bay Mercury TMDL</p> <p>Resolution No. R2-2006-0052</p>	<p>WLA</p> <p>San Francisco Bay PCBs TMDL Waste load Allocation None Specified</p> <p>San Francisco Bay Mercury TMDL Wasteload Allocation None Specified</p> <p>Monitoring Independently or in cooperation with urban runoff management agencies develop and implement a monitoring program to quantify PCBs and mercury loads and loads reduced through source control, treatment and other management measures.</p> <p>Report on the methods used to assess progress toward meeting WLAs including description of the measurement and estimation methodology and rationale used for the approaches.</p> <p>Report results of the chosen monitoring approach concerning loads assessment and estimation of loads reduced.</p> <p>Pilot Projects to Investigate and Abate Locations with Elevated PCBs and Mercury Concentrations, Including Public Rights-of-Way and Stormwater Conveyances with Accumulated Sediments with Elevated PCBs and Mercury Concentrations</p> <p>Investigate and abate PCBs and mercury sources in or to storm drain systems in conjunction with the Water Board and other appropriate regulatory agencies.</p> <p>Identify at least two drainage areas that contain high levels of PCBs and conduct pilot projects to investigate and abate these high PCBs/mercury concentrations. Conduct reconnaissance in the pilot project drainage areas, test sediments in storm drains and conveyances, and characterize the extent and magnitude of PCBs/mercury concentrations. Evaluate data and determine if a PCBs/mercury abatement program would reduce PCBs/mercury loading significantly.</p> <p>Report on the identified suspect drainage areas</p> <p>Report on sampling and chemical analysis results at pilot project locations</p> <p>Report on proposed abatement opportunities/activities, responsible parties, funding agency oversight, and schedules</p> <p>Report results of the abatement program’s effectiveness and provide estimates of loads of PCBs and mercury reduced, and submit a plan and schedule for possible expanded implementation in subsequent permit terms.</p> <p>Conduct Pilot Projects to Evaluate and Enhance PCBs/Mercury Sediment Removal and Management Practices</p> <p>Evaluate in at least two drainages pilot projects to enhance PCBs/mercury load reduction benefits of enhanced operation and maintenance activities that remove or manage sediment (e.g., street sweeping, inlet cleaning, catch basin cleaning, storm water conveyance system maintenance, and pump station cleaning). Include consideration of street flushing and capture, collection, or routing to the sanitary sewer (in coordination and consultation with local sanitary sewer agencies) as a potential enhanced management. Reducing loads of PCBs is the main site selection factor,</p>	<p>Year 2 Annual Report</p> <p>None Specified</p> <p>None Specified</p> <p>None Specified</p> <p>Year 2 Annual Report</p> <p>Year 4 Annual Report</p> <p>None Specified</p> <p>None Specified</p> <p>Year 1 Annual Report</p> <p>Year 2 Annual Report</p> <p>Year 3 Annual Report</p> <p>Year 4 Annual Report</p> <p>None Specified</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
	<p>and reducing loads of mercury is a secondary criterion.</p> <p>Quantify and report on the amount of PCBs/mercury loads removed or avoided from implementation of selected measures and document this knowledge and experience gained.</p> <p>Report selected sites, operation and maintenance activities to be evaluated, and pilot project implementation schedule.</p> <p>Report status of the pilot projects.</p> <p>Report on the effectiveness of enhanced implementation practices, estimates of loads reduced, and submit a plan and schedule for possible expanded implementation in subsequent permit terms.</p> <p>Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit</p> <p>Evaluate and quantify the removal of PCBs and mercury by on-site treatment systems via retrofit into existing storm drain systems at a minimum of three locations. Reducing loads of PCBs is the main site selection factor, and reducing loads of mercury is a secondary criterion.</p> <p>Quantify and report on the amount of PCBs/mercury loads removed or avoided from implementation of selected measures and document this knowledge and experience gained.</p> <p>Report selected sites, operation and maintenance activities to be evaluated, and pilot project implementation schedule.</p> <p>Report status of the pilot projects.</p> <p>Report on the effectiveness of enhanced implementation practices, estimates of loads reduced, and submit a plan and schedule for possible expanded implementation in subsequent permit terms.</p> <p>Conduct Pilot Project to evaluate Diversion of Dry Weather and First Flush Flows to POTWs</p> <p>Evaluate the reduced loads of PCBs/mercury from diversion of dry weather and first flush storm water flows to sanitary sewers via implementing one pilot project. Reducing loads of PCBs is the main site selection factor, and reducing loads of mercury is a secondary criterion.</p> <p>Quantify and report the amount of PCBs/mercury loads removed or avoided and document this knowledge and experience gained.</p> <p>Report location of diversion project and schedule for implementation.</p> <p>Report status of the pilot project.</p> <p>Report on the pilot project effectiveness and PCBs and mercury loads reduced, and submit a plan and schedule for possible expanded implementation in subsequent permit terms.</p> <p>Specific Provision for San Francisco Bay Mercury TMDL – Develop Wasteload Allocation Sharing Scheme</p>	<p>None Specified</p> <p>Year 1 Annual Report</p> <p>Year 2 and 3 Annual Reports</p> <p>Year 4 Annual Report</p> <p>None Specified</p> <p>None Specified</p> <p>Year 2 Annual Report</p> <p>Year 3 Annual Report</p> <p>Year4 Annual Report</p> <p>None Specified</p> <p>None Specified</p> <p>Year 2 Annual Report</p> <p>Year 3 Annual Report</p> <p>Year 4 Annual Report</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date																								
	<p>Develop equitable mercury WLA sharing scheme in consultation with SF Bay Area urban runoff management agencies to address roadway and non-roadway facilities' contribution of mercury loadings within the jurisdiction of each agency and report the details to the Regional Water Board. Alternatively, implement mercury load reduction actions on a watershed or region-wide basis in lieu of sharing a portion of an urban runoff management agencies' mercury WLA.</p> <p>Report status of efforts to develop WLA sharing scheme.</p> <p>Report the manner in which the mercury WLA will be shared with urban runoff management agencies or submit request for a separate mercury WLA</p>	<p>None Specified</p> <p>Year 1 and 2 Annual Reports</p> <p>Year 3 Annual Report</p>																								
<p>Sonoma Creek <i>Sediment</i></p> <p>Effective Date: September 8, 2010</p> <p>BPA: Exhibit A. Sediment & Implementation Plan – December 12, 2008.</p> <p>Resolution No. R2-2008-0103</p> <p>Napa River <i>Sediment</i></p> <p>Effective Date: Pending</p> <p>BPA: Chapter 7, Water Quality Attainment Strategies including TMDLs</p> <p>Resolution No. R2-2009-0064</p>	<p>WLA</p> <p>Sonoma Creek Sediment Wasteload Allocation</p> <table border="1" data-bbox="459 674 1187 909"> <thead> <tr> <th rowspan="2">Current (2005) Load</th> <th rowspan="2">Estimated Reductions Needed (Percentage)</th> <th colspan="2">Waste Load Allocation</th> </tr> <tr> <th>Tons/year</th> <th>Percent Natural Background</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>0</td> <td>100</td> <td>0.2</td> </tr> </tbody> </table> <p>Napa River Sediment TMDL Wasteload Allocation</p> <table border="1" data-bbox="459 968 1248 1176"> <thead> <tr> <th colspan="2">Current Load</th> <th rowspan="2">Reductions Needed (Percentage)</th> <th colspan="2">Waste Load Allocation</th> </tr> <tr> <th>Metric Tons/year</th> <th>Percentage of Natural Background</th> <th>Metric tons/year</th> <th>Percentage of Natural Background</th> </tr> </thead> <tbody> <tr> <td>600</td> <td>0.4</td> <td>0</td> <td>600</td> <td>0.4</td> </tr> </tbody> </table> <p>Other</p> <p>Determine opportunities for retrofit and/or reconstruction of road crossings to minimize road-related sediment delivery to stream channels (≤ 500 cubic yards/mile per 20-year period in the Napa River system). Conduct a survey of stream crossings associated with Department roadways and develop a prioritized implementation plan and schedule for repair and/or replacement of high priority crossings/culverts.</p> <p>Submit plan and schedule for conducting stream crossings surveys.</p> <p>Report progress on stream crossings survey.</p> <p>Report results of stream crossings survey. Submit implementation plan and schedule for repair and/or replacement of high priority crossings/culverts.</p>	Current (2005) Load	Estimated Reductions Needed (Percentage)	Waste Load Allocation		Tons/year	Percent Natural Background	100	0	100	0.2	Current Load		Reductions Needed (Percentage)	Waste Load Allocation		Metric Tons/year	Percentage of Natural Background	Metric tons/year	Percentage of Natural Background	600	0.4	0	600	0.4	<p>None specified</p> <p>None specified</p> <p>None Specified</p> <p>Year 1 Annual Report</p> <p>Year 2 Annual Report</p> <p>Year 3 Annual Report</p>
Current (2005) Load	Estimated Reductions Needed (Percentage)			Waste Load Allocation																						
		Tons/year	Percent Natural Background																							
100	0	100	0.2																							
Current Load		Reductions Needed (Percentage)	Waste Load Allocation																							
Metric Tons/year	Percentage of Natural Background		Metric tons/year	Percentage of Natural Background																						
600	0.4	0	600	0.4																						
<p>Urban Creek <i>Diazinon & Pesticide Toxicity</i></p> <p>Effective Date: May 16, 2008</p> <p>BPA: BPA – Chapter 3, Toxicity</p> <p>Resolution No. R2-2005-0063</p>	<p>WLA</p> <p>Diazinon: 100 ng/l (acute and chronic diazinon-related toxicity).</p> <p>Toxicity: 1.0 TUa (acute toxicity units) and 1.0 TUc (chronic toxicity units)</p> <p>Other</p> <p>Implement a Pesticide-Related Toxicity Control Program</p> <p>Submit Pesticide-Related Toxicity Control Program plan.</p>	<p>May 16, 2008</p> <p>May 16, 2008</p> <p>None Specified</p> <p>Year 2 Annual Report</p>																								

R3 - Central Coast Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>San Lorenzo River (includes Carbonera Lompico, and Shingle Mill Creeks) <i>Sediment</i></p> <p>Effective Date: February 19, 2004</p> <p>BPA: Attachment TMDL & Implementation Plan for Sediment</p> <p>Resolution No. R3-2002-0063</p>	<p>WLA None Specified</p> <p>Other Create a public road database to inventory and prioritize sediment problems</p> <p>Develop a spoils disposal site or sites in or near the San Lorenzo River Watershed.</p> <p>Submit progress report.</p>	<p>None Specified</p> <p>None Specified</p> <p>None Specified</p> <p>Every third year during implementation phase (i.e., beginning 2007)</p>
<p>Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary) <i>Sediment</i></p> <p>Effective Date: January 20, 2004</p> <p>BPA: BPA – Attachment A, R3-2003-0061 on May 16, 2003</p> <p>Resolution No. R3-2003-0062</p>	<p>WLA None Specified</p> <p>Other Increase the use of sediment management measures for road maintenance and construction.</p> <p>Track implementation of best management practices for sediment control on roads.</p> <p>Water Board receives tracking report from implementing parties</p>	<p>None Specified</p> <p>On-going</p> <p>On-going</p> <p>Every third year during implementation phase (i.e., beginning 2007)</p>
<p>Santa Maria River Watershed <i>Pesticides</i></p> <p>Effective Date: Pending (anticipated approval 2011)</p> <p>BPA: Pending</p> <p>Resolution No. Pending</p>	<p>WLA None Specified</p> <p>Other Develop Pesticide Wasteload Allocation Attainment and Monitoring Program</p> <p>Implement Pesticide Wasteload Allocation Attainment and Monitoring Program</p>	<p>None Specified</p> <p>Six months following TMDL approval</p> <p>One-year following TMDL approval</p>

R4 – Los Angeles Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Ballona Creek <i>Trash</i></p> <p>Effective Date: August 1, 2002 & February 8, 2005</p> <p>BPA: Attachment A, Chapter 7-3.</p> <p>Resolution No. 2004-0023</p>	<p>WLA</p> <p><u>Trash WLA (ft³)</u></p> <p>818 654 491 327 164 0 0</p> <p>Final WLAs is set at zero</p> <p>Other</p> <p>Develop a Trash Monitoring and Reporting Plan (TMRP)</p> <p>Clean out and measurement of trash retained after rain event.</p> <p>Clean out and measurement of trash retained during dry weather</p>	<p>September 30, 2008 September 30, 2009 September 30, 2010 September 30, 2011 September 30, 2012 September 30, 2013 September 30, 2014 September 30, 2015</p> <p>August 27, 2008</p> <p>72 hours after each rain event.</p> <p>Every 3 months</p>
<p>Revolon Slough and Beardsley Wash <i>Trash</i></p> <p>Effective Date: February 27, 2008</p> <p>BPA: Attachment A, Chapter 7-24</p> <p>Resolution No. R4-2007-007</p>	<p>WLA</p> <p>Final WLA is set at zero</p> <p>Other</p> <p>Trash Monitoring and Reporting Plan (TMRP)</p> <p>Implement Trash Monitoring Reporting Plan</p> <p>Submit results of TMRP, recommend trash baseline WLA, and propose prioritization of Full Capture System installation or implementation of other trash reduction measures.</p> <p>Submit Notice of Intent to comply with Conditional Waiver of Discharge Requirements including MFAC/BMP Program and Trash Monitoring and Reporting Plan</p> <p>Implement Minimum Frequency of Assessment and Collection (MFAC)/BMP Program</p> <p>Annual TMRP Reports including proposal for revising MFAC/BMP for Executive Officer approval.</p>	<p>February 27, 2016</p> <p>August 27, 2008</p> <p>Six months from receipt of letter of approval from Regional Board.</p> <p>Two years from receipt of Regional Board letter of approval for TMRP</p> <p>Six months from receipt of Notice of Acceptance from RB Executive Officer</p> <p>Six months from receipt of Notice of Acceptance from Regional Board Executive Officer.</p> <p>February 27, 2010 and annually thereafter</p>
<p>Ventura River Estuary <i>Trash</i></p> <p>Effective Date: February 27, 2008</p> <p>BPA: Attachment A, Chapter 7-25</p>	<p>WLA</p> <p>Final WLA is set at zero</p> <p>Other</p> <p>Trash Monitoring and Reporting Plan (TMRP)</p> <p>Implement Trash Monitoring Reporting Plan</p>	<p>February 27, 2016</p> <p>August 27, 2008</p> <p>Six months from receipt of Notice of Acceptance from RB Executive Officer.</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Resolution No. R4-2007-008</p>	<p>Submit results of TMRP, recommend trash baseline WLA, and propose prioritization of Full Capture System installation or implementation of other trash reduction measures.</p> <p>Notice of Intent to Comply with Conditional WDR, including Minimum Frequency of Assessment and Collection (MFAC)/BMP Program TMRP</p> <p>Implement MFAC/BMP Program</p> <p>Annual TMRP Reports including proposal for revising MFAC/BMP for Executive Officer approval.</p>	<p>Two years from receipt of Regional Board letter of approval for TMRP</p> <p>August 27, 2008</p> <p>Six months from receipt of Notice of Acceptance from RB Executive Officer.</p> <p>February 27, 2010</p>
<p>Machado Lake <i>Trash</i></p> <p>Effective Date: February 27, 2008</p> <p>BPA: Attachment A, Chapter 7-26</p> <p>Resolution No. R4-2007-06</p>	<p>WLA Final WLA is set at zero</p> <p>Other Trash Monitoring and Reporting Plan (TMRP)</p> <p>Implement Trash Monitoring Reporting Plan</p> <p>Submit results of TMRP, recommend trash baseline WLA, and propose prioritization of Full Capture System installation or implementation of other trash reduction measures.</p>	<p>September 30, 2015</p> <p>August 27, 2008</p> <p>August 27, 2008</p> <p>Two years from receipt of Regional Board letter of approval for TMRP</p>
<p>Legg Lake <i>Trash</i></p> <p>Effective Date: February 27, 2008</p> <p>BPA: Attachment A, Chapter 7-27</p> <p>Resolution No. R4-2007-10</p>	<p>WLA Final WLA is set at zero.</p> <p>Other Trash Monitoring and Reporting Plan (TMRP)</p> <p>Implement Trash Monitoring Reporting Plan</p> <p>Results of TMRP, recommend trash baseline WLA, and propose prioritization of Full Capture System installation or implementation of other trash reduction measures.</p>	<p>February 27, 2016</p> <p>August 27, 2008</p> <p>Six months from receipt of letter of approval from Regional Board Executive Officer.</p> <p>Two years from receipt of Regional Board letter of approval for TMRP</p>
<p>Malibu Creek Watershed <i>Trash</i></p> <p>Effective Date: June 26, 2009</p> <p>BPA: Attachment A, Chapter 7-31</p> <p>Resolution No. R4-2008-007</p>	<p>WLA Final WLA is set at zero.</p> <p>Other Trash Monitoring and Reporting Plan (TMRP)</p> <p>Implement Trash Monitoring Reporting Plan</p> <p>Submit results of TMRP, recommend trash baseline WLA, and propose prioritization of Full Capture System installation or implementation of other trash reduction measures.</p>	<p>February 26, 2017</p> <p>December 26, 2009</p> <p>Six months from receipt of letter of approval from Regional Board Executive Officer</p> <p>One year from receipt of Regional Board letter of approval for TMRP and annually thereafter</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Los Angeles River Trash</p> <p>Effective Date: July 24, 2008</p> <p>BPA: Attachment A, Chapter 7-2</p> <p>Resolution No. R4-2007-012</p>	<p>WLA Baseline WLA for the Department is 66,566 lbs.</p> <p><u>Wasteload Allocation (lbs)</u> 39,939.6 33,283 22,626.4 19,969.8 13,313.2 6,656.6 0 0 Final WLA is set at zero</p>	<p>None Specified</p> <p>September 30, 2008 September 30, 2009 September 30, 2010 September 30, 2011 September 30, 2012 September 30, 2013 September 30, 2014 September 30, 2015 September 30, 2016</p>
<p>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria</p> <p>Effective Date: March 26, 2007</p> <p>BPA: Attachment A, Chapter 7-21</p> <p>Resolution No. R4-2006-011</p>	<p>WLA WLAs are held jointly with multiple dischargers.</p> <p>Other Comprehensive Bacteria Water Quality Monitoring Plan</p> <p>Draft Implementation Plan outlining approach for compliance with WLAs.</p> <p>Final Implementation Plan outlining approach for compliance with WLAs.</p>	<p>March 26, 2007</p> <p>March 26, 2008</p> <p>September 26, 2009</p> <p>Three months after receipt of Regional Board comments on Draft Implementation Plan.</p>
<p>Marina del Rey, Harbor Back Basins, Mother's Beach Bacteria</p> <p>Effective Date: March 18, 2004</p> <p>BPA: Attachment A, Chapter 7-5</p> <p>Resolution No. 2003-012</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Draft Implementation Plan outlining approach for compliance with WLAs.</p> <p>Final Implementation Plan outlining approach for compliance with WLAs.</p> <p>Nonpoint Study for sources including storm drains, boats, birds, and other nonpoint sources.</p>	<p>None Specified</p> <p>March 30, 2005</p> <p>July 30, 2005</p> <p>March 18, 2007</p>
<p>Santa Monica Bay Beaches during Dry Weather Bacteria</p> <p>Effective Date: June 19, 2003</p> <p>BPA: Attachment A, Chapter 7-4</p> <p>Resolution No. 2002-004</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Coordinated Shoreline Monitoring Plan</p> <p>Report of Water Discharges for the listed potential discharges and potential discharges into Area of Special Biological Significance.</p>	<p>None Specified</p> <p>October 19, 2003</p> <p>October 19, 2003</p>
<p>Santa Monica Bay Beaches during Wet Weather Bacteria</p> <p>Effective Date: June 19, 2003</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Coordinated Monitoring Plan</p>	<p>None Specified</p> <p>November 12, 2003</p>

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<p>BPA: Attachment A to Resolution No. 2002-022, Chapter 7-4.4, 7-4.5, 7-4.6, 7-4.7.</p> <p>Resolution No. 2002-002, 2006-005, 2006-006, 2006-007, 2006-008</p>	<p>Draft Implementation Plan outlining approach for compliance with WLAs.</p> <p>Final Implementation Plan outlining approach for compliance with WLAs.</p>	<p>February 19, 2005</p> <p>June 19, 2005</p>																																																							
<p>Malibu Creek and Lagoon Bacteria</p> <p>Effective Date: January 10, 2006</p> <p>BPA: Attachment A, Chapter 7-10</p> <p>Resolution No. 2004-019R</p>	<p>Wasteload Allocation None specified</p> <p>Other Submit a Comprehensive bacteria water quality monitoring plan for the Malibu Creek Watershed to the Executive Officer of the Regional Board.</p> <p>Written Report to outline how the Department intends to cooperatively achieve compliance with TMDL, and steps to 3-year summer dry weather compliance schedule with a detailed timeline for all categories of bacteria sources.</p> <p>Reference Watershed Study</p>	<p>None Specified</p> <p>May 10, 2006</p> <p>January 10, 2007</p> <p>January 10, 2008</p>																																																							
<p>Harbor Beaches of Ventura County (Kiddie Beach and Hobie Beach) Bacteria</p> <p>Effective Date: December 18, 2008</p> <p>BPA: Attachment A Chapter 7-28</p> <p>Resolution No. R2007-017</p>	<p>WLA Interim WLAs for Single Sample and 30-day rolling geometric mean Exceedances:</p> <p>Summer Dry-Weather</p> <table border="1" data-bbox="375 1024 1008 1108"> <thead> <tr> <th>Location</th> <th>Daily Sampling</th> <th>Weekly Sampling</th> </tr> </thead> <tbody> <tr> <td>Kiddie Beach</td> <td>54</td> <td>8</td> </tr> <tr> <td>Hobie Beach</td> <td>40</td> <td>6</td> </tr> </tbody> </table> <p>Winter Dry-Weather</p> <table border="1" data-bbox="375 1192 1008 1276"> <thead> <tr> <th>Location</th> <th>Daily Sampling</th> <th>Weekly Sampling</th> </tr> </thead> <tbody> <tr> <td>Kiddie Beach</td> <td>23</td> <td>4</td> </tr> <tr> <td>Hobie Beach</td> <td>25</td> <td>4</td> </tr> </tbody> </table> <p>Wet-Weather</p> <table border="1" data-bbox="375 1329 1008 1413"> <thead> <tr> <th>Location</th> <th>Daily Sampling</th> <th>Weekly Sampling</th> </tr> </thead> <tbody> <tr> <td>Kiddie Beach</td> <td>32</td> <td>5</td> </tr> <tr> <td>Hobie Beach</td> <td>38</td> <td>6</td> </tr> </tbody> </table> <p>30-day Rolling Geometric Mean Exceedances:</p> <table border="1" data-bbox="375 1486 1008 1570"> <thead> <tr> <th>Location</th> <th>Daily Sampling</th> <th>Weekly Sampling</th> </tr> </thead> <tbody> <tr> <td>Kiddie Beach</td> <td>55</td> <td>8</td> </tr> <tr> <td>Hobie Beach</td> <td>80</td> <td>12</td> </tr> </tbody> </table> <p>Final Allowable Exceedance Days:</p> <table border="1" data-bbox="375 1738 1243 1938"> <thead> <tr> <th rowspan="2">Location</th> <th colspan="2">Summer-dry Weather</th> <th colspan="2">Winter-dry Weather</th> </tr> <tr> <th>Daily Sampling (No. days)</th> <th>Weekly Sampling (No. days)</th> <th>Daily Sampling (No. days)</th> <th>Weekly Sampling (No. days)</th> </tr> </thead> <tbody> <tr> <td>Kiddie Beach</td> <td>0</td> <td>0</td> <td>3</td> <td>1</td> </tr> <tr> <td>Hobie Beach</td> <td>0</td> <td>0</td> <td>3</td> <td>1</td> </tr> </tbody> </table>	Location	Daily Sampling	Weekly Sampling	Kiddie Beach	54	8	Hobie Beach	40	6	Location	Daily Sampling	Weekly Sampling	Kiddie Beach	23	4	Hobie Beach	25	4	Location	Daily Sampling	Weekly Sampling	Kiddie Beach	32	5	Hobie Beach	38	6	Location	Daily Sampling	Weekly Sampling	Kiddie Beach	55	8	Hobie Beach	80	12	Location	Summer-dry Weather		Winter-dry Weather		Daily Sampling (No. days)	Weekly Sampling (No. days)	Daily Sampling (No. days)	Weekly Sampling (No. days)	Kiddie Beach	0	0	3	1	Hobie Beach	0	0	3	1	<p>On-going</p> <p>On-going</p> <p>On-going</p> <p>On-going</p> <p>Five years after effective date of TMDL</p>
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Location	Daily Sampling (No. days)	Weekly Sampling (No. days)															
Kiddie Beach	17	3															
Hobie Beach	17	3															
<p>Ballona Creek Metals</p> <p>Effective Date: December 22, 2005 and reaffirmed on October 29, 2008</p> <p>BPA: Attachment A, Chapter 7-12 and Attachment B.</p> <p>Resolution No. R05-007 and Resolution No. R2007-015</p>	<p>WLA</p> <p>Dry-weather storm water WLAs (grams total recoverable metals/day):</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Ballona Creek</u></th> <th style="text-align: center;"><u>Sepulveda</u></th> </tr> </thead> <tbody> <tr> <td>Copper -</td> <td style="text-align: center;">11.2</td> <td style="text-align: center;">5.1</td> </tr> <tr> <td>Lead -</td> <td style="text-align: center;">6.0</td> <td style="text-align: center;">2.7</td> </tr> <tr> <td>Selenium -</td> <td style="text-align: center;">2.0</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Zinc -</td> <td style="text-align: center;">143.1</td> <td style="text-align: center;">64.7</td> </tr> </tbody> </table> <p>Wet-weather storm water WLA (total recoverable metals) for all reaches and tributaries (grams/day):</p> <p>Copper - 2.37E-07 x Daily storm water volume (L)</p> <p>Lead - 7.78E-07 x Daily storm water volume (L)</p> <p>Selenium - 6.59E-08 x Daily storm water volume (L)</p> <p>Zinc - 1.57E-06 x Daily storm water volume (L)</p> <p>Other Coordinated Monitoring Plan, including both ambient and TMDL effectiveness monitoring.</p> <p>Draft Report outlining approach for compliance with WLA</p> <p>Final Report outlining approach for compliance with WLA.</p>		<u>Ballona Creek</u>	<u>Sepulveda</u>	Copper -	11.2	5.1	Lead -	6.0	2.7	Selenium -	2.0	1	Zinc -	143.1	64.7	<p>None Specified</p> <p>None Specified</p> <p>January 11, 2007</p> <p>January 11, 2010</p> <p>July 11, 2010</p>
	<u>Ballona Creek</u>	<u>Sepulveda</u>															
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<p>Calleguas Creek and Its Tributaries and Mugu Lagoon Metals and Selenium</p> <p>Effective Date: March 26, 2007</p> <p>BPA: Attachment A, Chapter 7-19</p>	<p>WLA The Department and other responsible jurisdictions are jointly assigned WLAs. Interim WLAs for mercury in sediment are mass-based.</p> <p>Other Submit Calleguas Creek Watershed Metals and Selenium Monitoring Program</p> <p>Implement Calleguas Creek Watershed Metals and Selenium Monitoring Program</p>	<p>None Specified</p> <p>June 26, 2007</p> <p>Within three months of Executive Officer approval of the</p>															

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Resolution No. R4-2006-012</p>	<p>Conduct a source control study, develop and submit an Urban Water Quality Management Program (UWQMP) for copper, mercury, nickel, and selenium.</p> <p>Implement UWQMP</p> <p>Evaluate the results of the OCs TMDL, Special Study for calculation of sediment transport rates.</p> <p>Evaluate results of the OC pesticides TMDL, Special Study – Calculation of sediment transport rates in the Calleguas Creek Watershed for applicability to the metals and selenium TMDL.</p> <p>Workplan for Special Study #3: Investigation of Metals’ “Hot Spot” and Natural Soil.</p> <p>Evaluate the effectiveness of BMPs implemented under the UWQMP</p> <p>Evaluate the results of implementation actions Special Studies #2 and #3 and implement actions identified by studies.</p>	<p>monitoring program.</p> <p>March 26, 2009</p> <p>Within one year of approval of UWQMP by the Executive Officer.</p> <p>Within six months of Completion of Study</p> <p>Within two years of approval of Workplan by Executive</p> <p>Within two years of approval of Workplan by Executive Officer.</p> <p>March 26, 2013</p> <p>Within one year of the completion of Studies</p>
<p>Los Angeles River Metals</p> <p>Effective Date: December 22, 2005 and October 29, 2008</p> <p>BPA: Attachment A, Chapter 7-13 and Attachment B.</p> <p>Resolution Nos. R10-003, R05-006, and R2007-014</p>	<p>WLA</p> <p><u>Wet-weather WLAs -total recoverable metals (kg/day):</u></p> <p>Cadmium - WER x 5.3×10^{-11} x daily volume (L) – 0.03 Copper - WER x 2.9×10^{-10} x daily volume (L) – 0.2 Lead - WER x 1.06×10^{-9} x daily volume (L) – 0.07 Zinc - WER x 1.2×10^{-9} x daily volume (L) – 1.6</p> <p>Note: Water effects ratio (WER(s)) have a default value of 1.0 unless site-specific WER(s) are approved.</p> <p>Other</p> <p>Coordinated Monitoring Plan</p> <p>Draft Report outlining approach for compliance with WLAs that includes implementation methods, implementation schedules, proposed milestones, and any revisions to the TMDL effectiveness.</p> <p>Final Report outlining WLAs compliance.</p>	<p>None Specified</p> <p>April 11, 2007</p> <p>January 11, 2010</p> <p>July 11, 2010</p>
<p>Ballona Creek Estuary Toxic Pollutants</p> <p>Effective Date: December 22, 2005</p> <p>BPA: Attachment A, Chapter 7-14</p> <p>Resolution No. R4-2005-008</p>	<p>WLA</p> <p><u>Metals WLAs for storm water (kg/yr)</u></p> <p>Cadmium - 0.11 Copper - 3.2 Lead - 4.4 Silver - 0.09 Zinc - 14</p> <p><u>Organics WLAs for storm water (g/yr)</u></p> <p>Chlordane - 0.05 DDTs - 0.15 Total PCBs - 2 Total PAHs - 400</p>	<p>None Specified</p> <p>None Specified</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
	<p>Other Coordinated Monitoring Plan</p> <p>Draft report outlining approach for WLAs that includes implementation methods, implementation schedules, proposed milestones, and any revisions to TMDL effectiveness monitoring plan.</p> <p>Final report outlining approach for WLAs compliance.</p> <p>Demonstrate that 25% of the total drainage area served by MS4 system is effectively meeting the WLA for sediment.</p> <p>Demonstrate that 50% of total drainage area served by the MS4 system is effectively meeting the WLA for sediment.</p> <p>Demonstrate that 75% of total drainage area served by the MS4 system is effectively meeting the WLA for sediment.</p> <p>Demonstrate that 100% of total drainage area served by the MS4 system is effectively meeting the WLA for sediment.</p>	<p>December 22, 2006</p> <p>December 22, 2010</p> <p>June 22, 2011</p> <p>December 22, 2012</p> <p>December 22, 2014</p> <p>December 22, 2016</p> <p>December 22, 2020</p>
<p>Marina del Rey Harbor <i>Toxic Pollutants</i></p> <p>Effective Date: March 16, 2006</p> <p>BPA: Attachment A Chapter 7-18</p> <p>Resolution No. R4-2005-012</p>	<p>WLA A grouped mass-based WLA is developed for storm water permittees by subtracting the load allocations from the total loading capacity.</p> <p>Metals storm water WLAs Apportioned between Permits (kg/yr): Copper - 0.022 Lead - 0.03 Zinc - 0.096</p> <p>Organics storm water WLAs Apportioned between Permits (g/yr) Chordane - 0.0003 Total PCBs - 0.015</p> <p>Other Coordinated Monitoring Plan</p> <p>Results of any Special Studies</p> <p>Draft report outlining approach for compliance with WLAs that includes implementation methods, implementation schedule, proposed milestones, and any revisions to TMDL effectiveness.</p> <p>Final report outlining approach for WLAs compliance with WLAs.</p> <p>If pursuing a TMDL Specific Implementation Plan Demonstrate that 50% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p> <p>Demonstrate that 100% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p> <p>If pursuing the integrated approach Demonstrate that 25% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p> <p>Demonstrate that 50% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p> <p>Demonstrate that 75% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p> <p>Demonstrate that 100% of the total drainage area served by the MS4 system is effectively meeting the WLAs for sediment.</p>	<p>None Specified</p> <p>None Specified</p> <p>March 16, 2007</p> <p>March 16, 2011</p> <p>March 16, 2011</p> <p>March 16, 2014</p> <p>September 16, 2011</p> <p>March 16, 2014</p> <p>March 16, 2016</p> <p>March 16, 2013</p> <p>March 16, 2015</p> <p>March 16, 2017</p> <p>March 16, 2021</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Calleguas Creek, Its Tributaries and Mugu Lagoon <i>Organochlorine Pesticides (OC), Polychlorinated Biphenyls (PCBs), and Siltation</i></p> <p>Effective Date: March 14, 2006</p> <p>BPA: Attachment A, Chapter 7-17, adopted July 7, 2005</p> <p>Resolution No. R4-2005-010</p>	<p>WLA WLAs are held jointly with multiple dischargers.</p> <p>Other Workplan for OC pesticides and PCBs or an Integrated Calleguas Creek Watershed OC pesticide and PCBs Monitoring Program.</p> <p>Initiate OC pesticide, PCBs, and siltation Monitoring Program</p> <p>Workplan to identify urban, industrial and domestic sources of OC pesticides, PCBs, control methods, and methods to implement collection and disposal.</p> <p>Special Study #1 Workplan and convene a Science Advisory Panel</p> <p>Special Study #2 study to identify land area with high OC pesticides and PCBs concentrations and workplan.</p> <p>Implement a collection and disposal program for OC pesticides and PCBs.</p> <p>Special Study #1: results and recommendations</p> <p>Re-evaluation of Siltation load allocation and WLA</p> <p>Special Study #3: evaluate natural attenuation rates, methods to accelerate attenuation, and examine WLA attainability.</p>	<p>None Specified</p> <p>September 14, 2006</p> <p>Six months after Executive Officer Approval of Monitoring Program</p> <p>March 14, 2007</p> <p>March 14, 2007</p> <p>March 14, 2007</p> <p>March 14, 2011</p> <p>March 14, 2014</p> <p>March 14, 2015</p> <p>March 14, 2016</p>
<p>Los Angeles River <i>Nitrogen Compounds</i></p> <p>Effective Date: March 18, 2004</p> <p>BPA: Attachment A, Chapter 7-8</p> <p>Resolution No. 03-009</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Submit a Monitoring Workplan to estimate nitrogen loadings from storm drain system.</p> <p>Workplan to evaluate effectiveness of nitrogen reductions.</p>	<p>None Specified</p> <p>March 18, 2005</p> <p>March 18, 2005</p>
<p>Machado Lake <i>Eutrophic, Algae, Ammonia, and Odors (Nutrient)</i></p> <p>Effective Date: March 11, 2009</p> <p>BPA: Attachment A, Chapter 7-29</p> <p>Resolution No. 008-006</p>	<p>WLA Interim WLAs for Total Phosphorus (1.25 mg/L) and Total Nitrogen ((3.50 mg/L) is measured in the lake.</p> <p>5 Year interim WLA for Total Phosphorus (1.25 mg/L)</p> <p>5 Year interim WLA for Total Nitrogen (2.45 mg/L)</p> <p>Final WLAs for Total Phosphorus (0.10 mg/L) and Total Nitrogen (1.0 mg/L)</p> <p>Other Monitoring and Reporting Program (MRP) Plan</p> <p>Optional - Special Study #3 workplan</p> <p>Optional - Special Studies #1 and #2</p> <p>TMDL Implementation Plan (including BMPs)</p> <p>Implementation of BMPs (60 days from approval of Implementation Plan)</p>	<p>March 11, 2009</p> <p>March 11, 2014</p> <p>March 11, 2014</p> <p>September 11, 2018</p> <p>March 11, 2010</p> <p>March 11, 2010</p> <p>September 11, 2010</p> <p>March 11, 2011</p> <p>Sixty days from of Implementation Plan approval.</p>

Region 5 – Central Valley Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Cache Creek, Bear Creek, Sulphur Creek and Harley Gulch <i>Mercury</i></p> <p>Effective Date: February 7, 2007</p> <p>BPA: Attachment I – Amending Basin Plan for Sacramento & San Joaquin River Basin</p> <p>Resolution No. R5-2005-0146</p>	<p>WLA None Specified</p> <p>Other Develop and implement a plan to describe the management practices that will be implemented to control erosion.</p> <p>Implement best management practices to control erosion in mercury-enriched areas; conduct pre-project water quality and sediment assessments to identify areas with enriched mercury; and describe additional management practices that will be implemented in these areas.</p>	<p>None Specified</p> <p>February 7, 2009</p> <p>On-going</p>
<p>Clear Lake <i>Nutrients</i></p> <p>Effective Date: September 21, 2007</p> <p>BPA: Attachment I</p> <p>Resolution No. R5-2006-0060</p>	<p>WLA WLA for phosphorus - 100 kg/yr</p> <p>Other Conduct surveillance monitoring to estimate nutrient loadings from activities in the watershed using either water quality monitoring or computer or a combination of the two.</p> <p>Develop and implement a plan to: 1) collect the information needed to determine what factors are important to controlling nuisance blooms and to 2) recommend what control strategy should be implemented.</p>	<p>June 2018</p> <p>On-going</p> <p>June 19, 2008</p>
<p>Sacramento-San Joaquin Delta <i>Methyl mercury</i></p> <p>Effective Date: Pending</p> <p>Resolution No. R5-2010-0043</p>	<p>WLA WLA is held jointly with multiple dischargers.</p>	<p>2030</p>

Region 6 – Lahontan Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Truckee River Sediment</p> <p>Effective Date: September 16, 2009</p> <p>BPA: WQ Amendment May 2008</p> <p>Resolution No. 2009-0028</p>	<p>WLA None Specified</p> <p>Other Track and report road abrasives and de-icing agents used and recovered in accordance with Attachment V (Part 5) Lahontan Region #8, #11, and #12 of this Order.</p> <p>Identify and prioritize legacy site restoration and BMP implementation</p> <p>Coordinate with Truckee and Placer County to develop a municipal monitoring program.</p> <p>The Department and Lake Tahoe basin municipalities to develop and implement comprehensive Pollutant Load Reduction Plans (PLRPs).</p>	<p>None Specified</p> <p>January 15 each year As part of the Annual Lahontan Region Report</p> <p>None Specified</p> <p>Annually</p> <p>None Specified</p>

Region 7 – Colorado River Basin Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date						
<p>Coachella Valley Storm Water Channel <i>Bacterial Indicators</i></p> <p>Effective Dates: Pending</p> <p>BPA: June 17, 2010</p> <p>Resolution No. R7-2010-0028</p>	<p>WLA Bacterial Indicator Water Quality Objectives</p> <table border="1" data-bbox="418 302 1222 468"> <thead> <tr> <th data-bbox="418 302 659 369">Parameter</th> <th data-bbox="659 302 967 369">30-Day Geometric^a Mean</th> <th data-bbox="967 302 1222 369">Maximum Instantaneous</th> </tr> </thead> <tbody> <tr> <td data-bbox="418 369 659 405">E. Coli</td> <td data-bbox="659 369 967 405">MPN \leq 126/100 (ml)</td> <td data-bbox="967 369 1222 405">400 MPN/100 ml</td> </tr> </tbody> </table> <p>^a Based on a minimum of no less than 5 samples equally spaced over a 30-day period.</p> <p>Other Develop and submit two-year bacterial indicator water quality monitoring program and a Quality Assurance Project Plan (QAPP) for Regional Board Executive review and approval.</p> <p>Monitor CVSC for bacteria loading.</p>	Parameter	30-Day Geometric ^a Mean	Maximum Instantaneous	E. Coli	MPN \leq 126/100 (ml)	400 MPN/100 ml	<p>None Specified</p> <p>90 days after USEPA TMDL approval</p> <p>90 days after USEPA TMDL approval and quarterly thereafter for 2 years.</p>
Parameter	30-Day Geometric ^a Mean	Maximum Instantaneous						
E. Coli	MPN \leq 126/100 (ml)	400 MPN/100 ml						

Region 8 – Santa Ana Basin Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Lake Elsinore and Canyon Lake <i>Nutrients</i></p> <p>Effective Date: September 30, 2005</p> <p>BPA: Attachment to Resolution No. R8-2004-0037 Resolution No. R8-2006-0031 Resolution No. R8-2007-0083</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other</p> <p>Sediment Nutrient Reduction Strategy: Phase 2 Alternatives O & M Agreement for Fishery Management Program O & M Agreement for Aeration and Mixing Systems Phase 2 Project Plans Complete Phase 2 Project Implementation Annual Report – Implementation of In-lake and Watershed Monitoring Programs</p> <p>Model Update Plan Linkage Analysis Study Watershed Source Loading Study Model Evaluation Construct/Calibrate Model Conduct Model Scenarios Model Update Final Report</p> <p>Comprehensive Nutrient Reduction Plan (CNRP)</p> <p>Commence Phase 2 LE/CL TMDL Monitoring Program</p> <p>Annual Report summarizing the Watershed-Wide Nutrient Water Quality Monitoring Program</p> <p>Begin Joint TMDL Monitoring Program</p>	<p>None Specified</p> <p>December 31, 2010 December 31, 2010 December 31, 2010 June 30, 2011 December 31, 2014 August 31 of every year</p> <p>August 31, 2010 August 31, 2010 December 31, 2010 June 30, 2011 August 31, 2011 November 30, 2011</p> <p>December 31, 2011</p> <p>December 31, 2011</p> <p>August 15 of each Year</p> <p>December 31, 2010</p>
<p>Big Bear Lake <i>Nutrients for Dry Hydrological Conditions</i></p> <p>Effective Date: September 25, 2007</p> <p>BPA: Attachment to Resolution No. R8-2006-0023 Resolution No. R8-2006-0023</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Annual Reports summarizing data collected for the year and evaluating compliance with WLAs and numeric targets.</p> <p>Submit collectively or in collaboration with the Big Bear TMDL Task Force for the Regional Board approval a plan to evaluate the applicability and feasibility of various in-lake treatment technologies to control noxious and nuisance aquatic plants.</p> <p>Submit Plan and Schedule for updating the existing Big Bear Lake Watershed Nutrient Model.</p> <p>Submit a Proposed Plan and Schedule for In-lake Sediment Nutrient Reduction for Big Bear Lake.</p> <p>Submit Annual Report summarizing water quality monitoring programs and Lake Management Plan.</p>	<p>None Specified</p> <p>February 15 of each year</p> <p>February 26, 2010</p> <p>March 31, 2010</p> <p>April 15, 2010</p> <p>February 15 of each year</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date																								
<p>San Diego Creek and Upper & Lower Newport Bay <i>Organochlorine Compounds</i></p> <p>Effective Date: Pending</p> <p>BPA:</p> <p>Resolution No.</p>	<p>WLA</p> <p>San Diego Creek Watershed Organochlorine Compounds WLAs</p> <table border="1" data-bbox="472 268 1219 407"> <thead> <tr> <th>Total DDT (g/yr)</th> <th>Chlordane (g/yr)</th> <th>Dieldrin (g/yr)</th> <th>PCBs (g/yr)</th> <th>Toxaphene (g/yr)</th> </tr> </thead> <tbody> <tr> <td>8.7</td> <td>6.3</td> <td>5.2</td> <td>42.3</td> <td>0.2</td> </tr> </tbody> </table> <p>Upper Newport Bay Organochlorine Compounds WLA</p> <table border="1" data-bbox="472 470 1219 575"> <thead> <tr> <th>Total DDT (g/yr)</th> <th>Chlordane (g/yr)</th> <th>PCBs (g/yr)</th> </tr> </thead> <tbody> <tr> <td>8.7</td> <td>6.3</td> <td>42.3</td> </tr> </tbody> </table> <p>Lower Newport Bay Organochlorine Compounds WLA</p> <table border="1" data-bbox="472 638 1219 743"> <thead> <tr> <th>Total DDT (g/yr)</th> <th>Chlordane (g/yr)</th> <th>Dieldrin (g/yr)</th> <th>PCBs (g/yr)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Other None Specified</p>	Total DDT (g/yr)	Chlordane (g/yr)	Dieldrin (g/yr)	PCBs (g/yr)	Toxaphene (g/yr)	8.7	6.3	5.2	42.3	0.2	Total DDT (g/yr)	Chlordane (g/yr)	PCBs (g/yr)	8.7	6.3	42.3	Total DDT (g/yr)	Chlordane (g/yr)	Dieldrin (g/yr)	PCBs (g/yr)	0	0	0	0	<p>None specified</p> <p>None specified</p> <p>None specified</p> <p>None specified</p>
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0	0	0	0																							

.Region 9 – San Diego Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date																			
<p>Chollas Creek <i>Diazinon</i></p> <p>Effective Date: November 3, 2003</p> <p>BPA: Attachment A to Resolution No. R9-2002-0123</p> <p>Resolution No. Investigation Order R9-2004-0277</p>	<p>WLA</p> <table border="1" data-bbox="440 300 1190 443"> <thead> <tr> <th>Exposure Duration</th> <th>Numeric Targets (µg/L)</th> <th>Margin of Safety (µg/L)</th> <th>Waste Load Allocation (µg/L)</th> </tr> </thead> <tbody> <tr> <td>Acute</td> <td>0.08</td> <td>0.008</td> <td>0.072</td> </tr> <tr> <td>Chronic</td> <td>0.05</td> <td>0.005</td> <td>0.045</td> </tr> </tbody> </table> <p>Other Develop and implement a monitoring plan</p> <p>Prepare and Submit Annual Effectiveness Report and Annual Monitoring Report (reporting period October 1 through September 30)</p> <p>Municipal Copermittees to perform activities to reduce diazinon discharges pursuant to the MS4 permit and Water Code Section 13267, comply with MS4 permit and waste discharge prohibitions</p>	Exposure Duration	Numeric Targets (µg/L)	Margin of Safety (µg/L)	Waste Load Allocation (µg/L)	Acute	0.08	0.008	0.072	Chronic	0.05	0.005	0.045	<p>None Specified</p> <p>30 days after TMDL effective date</p> <p>January 31 - Annually</p> <p>On-going</p>							
Exposure Duration	Numeric Targets (µg/L)	Margin of Safety (µg/L)	Waste Load Allocation (µg/L)																		
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Chronic	0.05	0.005	0.045																		
<p>Rainbow Creek <i>Total Nitrogen and Total Phosphorus</i></p> <p>Effective Date: March 22, 2006</p> <p>BPA: Attachment A to Resolution No. R9-2005-0036</p> <p>Resolution No. R9-2007-0036</p>	<p>WLA</p> <table border="1" data-bbox="496 835 1021 1010"> <thead> <tr> <th>Nitrogen WLA (kg N/yr)</th> <th>Phosphorus WLA (kg N/yr)</th> </tr> </thead> <tbody> <tr> <td>118</td> <td>11</td> </tr> <tr> <td>90</td> <td>8</td> </tr> <tr> <td>59</td> <td>5</td> </tr> <tr> <td>49</td> <td>5</td> </tr> </tbody> </table> <p>Other Prepare and submit an Implementation Monitoring Plan Report (reporting period October 1 through September 30)</p> <p>Implement Water Quality Monitoring Plan</p> <p>Submit Annual Monitoring Reports (reporting period October 1 through September 30)</p>	Nitrogen WLA (kg N/yr)	Phosphorus WLA (kg N/yr)	118	11	90	8	59	5	49	5	<p>December 31, 2009 December 31, 2013 December 31, 2017 December 31, 2021</p> <p>January 31 of the year following the TMDL effective date</p> <p>On-going</p> <p>Annually on January 31</p>									
Nitrogen WLA (kg N/yr)	Phosphorus WLA (kg N/yr)																				
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<p>Chollas Creek Dissolved Copper, Lead and Zinc</p> <p>Effective Date: December 18, 2008</p> <p>BPA: Attachment A to Resolution No. R9-2007-0043</p> <p>Resolution No. R9-2007-0036</p>	<p>WLA Interim Goals for achieving WLAs</p> <table border="1" data-bbox="440 1457 1133 1682"> <thead> <tr> <th rowspan="2">Compliance Year</th> <th colspan="3">Allowable Exceedance of the WLAs (allowable percentage above)</th> </tr> <tr> <th>Copper</th> <th>Lead</th> <th>Zinc</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100%</td> <td>100%</td> <td>100%</td> </tr> <tr> <td>10</td> <td>20%</td> <td>2 0%</td> <td>20%</td> </tr> <tr> <td>20</td> <td>0%</td> <td>0%</td> <td>0%</td> </tr> </tbody> </table> <p>Other Submit Annual Progress Report</p>	Compliance Year	Allowable Exceedance of the WLAs (allowable percentage above)			Copper	Lead	Zinc	1	100%	100%	100%	10	20%	2 0%	20%	20	0%	0%	0%	<p>December 18, 2009</p> <p>December 18, 2018</p> <p>December 18, 2028</p> <p>April 1 of each year and Annually thereafter</p>
Compliance Year	Allowable Exceedance of the WLAs (allowable percentage above)																				
	Copper	Lead	Zinc																		
1	100%	100%	100%																		
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TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date																																																																										
<p>Project 1- Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) <i>Indicator Bacteria</i></p> <p>Effective Date: Pending</p> <p>BPA: Attachment TMDL & Implementation Plan with Reference System Approach Provisions</p> <p>Resolution No. R9-2010-0001</p>	<p>WLA</p> <p>Wet & Dry Weather Bacteria Annual Loads (billion MPN/year)</p> <table border="1" data-bbox="444 268 1239 1314"> <thead> <tr> <th rowspan="2">Watershed</th> <th colspan="2">Fecal Coliform WLA</th> <th colspan="2">Enterococcus WLA</th> </tr> <tr> <th>Wet Weather</th> <th>Dry Weather</th> <th>Wet Weather</th> <th>Dry Weather</th> </tr> </thead> <tbody> <tr> <td>San Joaquin Hills / Laguna Hills HSAs (901.11 and 901.12)</td> <td>179</td> <td>0</td> <td>365</td> <td>0</td> </tr> <tr> <td>Aliso HAS (901.13)</td> <td>260</td> <td>0</td> <td>516</td> <td>0</td> </tr> <tr> <td>Dana Point HAS ((01.14)</td> <td>13</td> <td>0</td> <td>25</td> <td>0</td> </tr> <tr> <td>Lower San Juan HAS (901.27)</td> <td>1,713</td> <td>0</td> <td>2,823</td> <td>0</td> </tr> <tr> <td>San Clemente HA (901.30)</td> <td>335</td> <td>0</td> <td>635</td> <td>0</td> </tr> <tr> <td>San Luis Rey HU (901.00)</td> <td>1,513</td> <td>0</td> <td>2,397</td> <td>0</td> </tr> <tr> <td>San Marcos HA (904.50)</td> <td>8</td> <td>0</td> <td>26</td> <td>0</td> </tr> <tr> <td>San Dieguito HU (905.50)</td> <td>1,310</td> <td>0</td> <td>2,288</td> <td>0</td> </tr> <tr> <td>Miramar Reservoir HA (906.10)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Scripps HA (906.30)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Tecolote HA (906.5)</td> <td>553</td> <td>0</td> <td>1,266</td> <td>0</td> </tr> <tr> <td>Mission San Diego/Santee HSAs (907.11 and 907.12)</td> <td>1,009</td> <td>0</td> <td>2,430</td> <td>0</td> </tr> <tr> <td>Chollas HAS (908.22)</td> <td>892</td> <td>0</td> <td>2,062</td> <td>0</td> </tr> </tbody> </table> <p>Other Bacteria (BLRP) or Comprehensive Load Reduction Plan (CLRP)</p> <p>Alternative Compliance (TMDL Implementation Milestones)</p>	Watershed	Fecal Coliform WLA		Enterococcus WLA		Wet Weather	Dry Weather	Wet Weather	Dry Weather	San Joaquin Hills / Laguna Hills HSAs (901.11 and 901.12)	179	0	365	0	Aliso HAS (901.13)	260	0	516	0	Dana Point HAS ((01.14)	13	0	25	0	Lower San Juan HAS (901.27)	1,713	0	2,823	0	San Clemente HA (901.30)	335	0	635	0	San Luis Rey HU (901.00)	1,513	0	2,397	0	San Marcos HA (904.50)	8	0	26	0	San Dieguito HU (905.50)	1,310	0	2,288	0	Miramar Reservoir HA (906.10)	0	0	0	0	Scripps HA (906.30)	0	0	0	0	Tecolote HA (906.5)	553	0	1,266	0	Mission San Diego/Santee HSAs (907.11 and 907.12)	1,009	0	2,430	0	Chollas HAS (908.22)	892	0	2,062	0	<p>None Specified</p> <p>Within 18 months of permit effective date</p> <p>Ref. Attachment A, Resolution No. R9-2010-0001 (pages A70 & A71).</p>
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<p>Tijuana River and Estuary Trash & Sediment <i>Solids, Trash, Turbidity</i></p> <p>Effective Date: Pending</p> <p>BPA: Attachment TMDL & Implementation Plan</p> <p>Resolution No.</p>	<p>WLA Annual WLAs for Freeway: Trash: 12.1 ton/year Sediment: 11.3 ton/year</p> <p>Other None Specified</p>	<p>None Specified</p> <p>None Specified</p>																																																																										

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Los Penasquitos Lagoon Sedimentation <i>Sedimentation/Siltation</i></p> <p>Effective Date: Pending</p> <p>BPA: Attachment TMDL & Implementation Plan Resolution No.</p> <p>Resolution No. Investigative Order R9-2006-0076</p>	<p>WLA WLA is held jointly with multiple dischargers.</p>	<p>None Specified</p>

Attachment IVb – EPA Established TMDLs

R1- North Coast Regional Water Board

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Albion River Sediment</p> <p>Effective Date: November 29, 2004 (EPA TMDL is Dec 2001)</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA WLA for point sources is set at zero net increase.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Big River Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA WLA for point sources is set at zero net increase.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Eel River, Lower HA Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA WLA is held jointly with multiple dischargers.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Eel River, Middle Fork, Eden Valley and Round Valley HSAs Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Eel River, Middle Main HA Sediment</p> <p>Effective Date:</p>	<p>WLA Waste allocation is set at zero net increase.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and</p>	<p>None Specified</p> <p>Annual Report</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
November 29, 2004 BPA: Resolution Nos. R1-2004-0087 and R1-2005-0013	adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.	
Eel River , North Fork HA <i>Sediment</i> Effective Date: November 29, 2004 BPA: Resolution Nos. R1-2004-0087 and R1-2005-0013	WLA Waste allocation is set at zero net increase. Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.	None Specified Annual Report
Eel River, South Fork HA <i>Sediment</i> Effective Date: November 29, 2004 BPA: Resolution Nos. R1-2004-0087 and R1-2005-0013	WLA The WLA is set at zero net increase. Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.	None Specified Annual Report
Eel River, Upper Main HA <i>Sediment</i> Effective Date: November 29, 2004 BPA: Resolution Nos. R1-2004-0087 and R1-2005-0013	WLA The WLA is set at zero net increase. Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.	None Specified Annual Report
Garcia River <i>Sediment</i> Effective Date: March 16, 1998 BPA: 2001 Action Plan for the Garcia River Watershed Sediment TMDL Resolution Nos. R1-2001-072	WLA None Specified Other Comply with sediment waste discharge prohibitions	None Specified January 3, 2002
Gualala River <i>Sediment</i>	WLA The WLA is set at zero net increase.	None Specified

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date																																		
<p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>Annual Report</p>																																		
<p>Mad River Sediment and Turbidity</p> <p>Effective Date: December 21, 2007</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLAs</p> <p>Total Sediment Load Allocations by Subareas</p> <table border="1" data-bbox="349 558 1263 764"> <thead> <tr> <th rowspan="2">Source</th> <th>Upper Mad River</th> <th>Middle Mad River</th> <th>Lower Mad River</th> <th>Basinwide Annual Load</th> <th>Basinwide Daily Load</th> </tr> <tr> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/day</th> </tr> </thead> <tbody> <tr> <td>Management - Roads</td> <td>28</td> <td>279</td> <td>57</td> <td>174</td> <td>0.5</td> </tr> </tbody> </table> <p>Suspended Sediment Load Allocation by Subareas</p> <table border="1" data-bbox="349 827 1263 1012"> <thead> <tr> <th rowspan="2">Source</th> <th>Upper Mad River</th> <th>Middle Mad River</th> <th>Lower Mad River</th> <th>Basinwide Annual Load</th> <th>Basinwide Daily Load</th> </tr> <tr> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/yr</th> <th>Tons/mi²/day</th> </tr> </thead> <tbody> <tr> <td>Management - Roads</td> <td>23</td> <td>251</td> <td>54</td> <td>158</td> <td>0.4</td> </tr> </tbody> </table> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	Source	Upper Mad River	Middle Mad River	Lower Mad River	Basinwide Annual Load	Basinwide Daily Load	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /day	Management - Roads	28	279	57	174	0.5	Source	Upper Mad River	Middle Mad River	Lower Mad River	Basinwide Annual Load	Basinwide Daily Load	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /yr	Tons/mi ² /day	Management - Roads	23	251	54	158	0.4	<p>None Specified</p> <p>None Specified</p> <p>Annual Report</p>
Source	Upper Mad River		Middle Mad River	Lower Mad River	Basinwide Annual Load	Basinwide Daily Load																														
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Management - Roads	23	251	54	158	0.4																															
<p>Mattole River Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA The WLA is set at zero net increase.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>None Specified</p> <p>Annual Report</p>																																		
<p>Navarro River Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA The WLA is set at zero net increase.</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>None specified</p> <p>Annual Report</p>																																		
<p>Noyo River Sediment</p> <p>Effective Date:</p>	<p>WLA None specified</p> <p>Other</p>	<p>None Specified</p>																																		

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>Annual Report</p>
<p>Redwood Creek Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution No. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p> <p>Promote and facilitate cooperative public-private implementation and monitoring efforts.</p> <p>Clarify focus on potential erosion sites as well as exiting sites.</p> <p>Comprehensive monitoring plan.</p>	<p>None Specified</p> <p>Annual Report</p> <p>None Specified</p> <p>None Specified</p> <p>None Specified</p>
<p>Ten Mile River Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLAs None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region.</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Trinity River, Lower and Middle and Upper HAS Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA:</p> <p>Resolution No. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>None Specified</p> <p>Annual Report</p>
<p>Trinity River, South Fork HA Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA: Amendment to Include Introductory Language on TMDLs</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>None Specified</p> <p>Annual Report</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date
<p>Van Duzen River Sediment</p> <p>Effective Date: November 29, 2004</p> <p>BPA: Amendment to Include Introductory Language on TMDLs</p> <p>Resolution Nos. R1-2004-0087 and R1-2005-0013</p>	<p>WLA None Specified</p> <p>Other Sediment inventory, prioritization, scheduling, implementation, monitoring, and adaptation steps as described in the Region Specific Requirements (Attachment V) for the North Coast Region</p>	<p>None Specified</p> <p>Annual Report</p>

TMDL	WLAs/Deliverables/Action Required	Compliance Date Due Date															
	<p data-bbox="397 216 857 243">Upper & Lower Newport Bay Allocations</p> <table border="1" data-bbox="402 243 1187 552"> <thead> <tr> <th data-bbox="407 249 560 365"></th> <th data-bbox="560 249 716 365">DDT - including Dicofol (g/yr)</th> <th data-bbox="716 249 872 365">Chlordane (g/yr)</th> <th data-bbox="872 249 1027 365">Dieldrin (g/yr)</th> <th data-bbox="1027 249 1183 365">PCBs (g/yr)</th> </tr> </thead> <tbody> <tr> <td data-bbox="407 365 560 459">Upper Newport Bay</td> <td data-bbox="560 365 716 459">2.8</td> <td data-bbox="716 365 872 459">1.6</td> <td data-bbox="872 365 1027 459">-</td> <td data-bbox="1027 365 1183 459">8.6</td> </tr> <tr> <td data-bbox="407 459 560 552">Lower Newport Bay</td> <td data-bbox="560 459 716 552">0</td> <td data-bbox="716 459 872 552">0</td> <td data-bbox="872 459 1027 552">0</td> <td data-bbox="1027 459 1183 552">4.10</td> </tr> </tbody> </table>		DDT - including Dicofol (g/yr)	Chlordane (g/yr)	Dieldrin (g/yr)	PCBs (g/yr)	Upper Newport Bay	2.8	1.6	-	8.6	Lower Newport Bay	0	0	0	4.10	<p data-bbox="1258 216 1414 243">June 14, 2002</p>
	DDT - including Dicofol (g/yr)	Chlordane (g/yr)	Dieldrin (g/yr)	PCBs (g/yr)													
Upper Newport Bay	2.8	1.6	-	8.6													
Lower Newport Bay	0	0	0	4.10													