Attachment IV TMDL Requirements

Attachment IV identifies TMDLs adopted by the Regional Water Boards and approved by the State Water Board and USEPA which assign the Department a Waste Load Allocation (WLA) or which specify the Department as a responsible party. In addition, Attachment IV identifies TMDLs established by USEPA which specify the Department as a responsible party or which identify NPDES permitted storm water sources or point sources generally, or identify roads generally, as subject to the TMDL.

The Department is obligated to consult each TMDL and to comply with all applicable allocations and other provisions. Applicable Regional Water Board Basin Plan Amendments, orders and resolutions are listed in the first column in Attachment IV. Compliance with all TMDLs must be demonstrated to the satisfaction of the appropriate Regional Water Board.

Attachment IV also contains TMDL-specific permit requirements for the Lake Tahoe Sediment and Nutrients TMDL. These requirements are directly enforceable through this Order. Consistent with provision E.4.b, within one year of the effective date of this Order, the State Water Board will re-open Attachment IV for incorporation of specific permit requirements implementing the remainder of the TMDLs listed in Attachment IV. Once the TMDL-specific permit requirements are adopted, the Department shall comply with the incorporated requirements in accordance with the specified compliance due dates.

Attachment IV TMDL Requirements

TMDL	Implementation Requirements
R1 – North Coast F	Region
Albion River * Sediment	
Effective Date: December 2001	
BPA:	
Resolution:	
Big River * Sediment	
Effective Date: December 2001	
BPA:	
Resolution:	
Eel River, Lower HA* Temperature and Sediment	
Effective Date: December 18, 2007	
BPA:	
Resolution:	
Eel River, Middle Fork, Eden Valley and Round Valley HSAs * Temperature and Sediment	
Effective Date: December 2003	
BPA:	
Resolution:	
Eel River, Middle Main HA * Temperature and Sediment	
Effective Date:	

TMDL	Implementation Requirements
December 2005	
BPA:	
Resolution:	
Eel River, North Fork HA* Sediment and Temperature	
Effective Date: December 30, 2002 BPA:	
Resolution:	
Eel River, South Fork HA* Sediment and Temperature	
Effective Date: December 16, 1999	
BPA:	
Resolution:	
Eel River, Upper Main HA * Sediment and Temperature	
Effective Date: December 29, 2004	
BPA:	
Resolution:	
Garcia River Sediment	
Effective Date: March 16, 1998	
BPA: Action Plan for the Garcia River Watershed	
Resolution:	
Gualala River * Sediment	
Effective Date: November 29, 2004	

	Implementation Requirements	
TMDL	implementation requirements	
BPA:		
Resolution:		
Klamath River in California Temperature, Dissolved Oxygen, Nutrient, & Microcystin		
Effective Date: December 28, 2010		
BPA: Action Plan for Klamath River TMDLs		
Resolution: R1- 2010-0026		
Lost River Nitrogen and Biochemical oxygen Demand to address Dissolved Oxygen and pH Impairments		
Effective Date: December 30, 2008		
BPA: Action Plan for Lost River TMDL		
Resolution: R1- 2010-0026		
Mad River * Sediment and Turbidity		
Effective Date: December 21, 2007		
BPA:		
Resolution:		
Mattole River * Sediment & Temperature		
Effective Date: December 30, 2003		
BPA:		
Resolution:		

	Implementation Descriptments	
TMDL	Implementation Requirements	
Navarro River * Temperature & Sediment		
Effective Date: December 27, 2000		
BPA:		
Resolution:		
Noyo River * Sediment		
Effective Date: December 16, 1999		
BPA:		
Resolution:		
Redwood Creek * Sediment		
Effective Date: December 30, 1998		
ВРА:		
Resolution:		
Scott River Sediment and Temperature		
Effective Date: August 11, 2006		
BPA: Action Plan for Scott River.		
Resolutions: R1-2005-0113 & R-2010-0026		
Shasta River Dissolved Oxygen & Temperature		
Effective Date: January 26, 2007		
BPA: Action Plan for the Shasta River Watershed		
Resolution: R1-2006-0052		

TMDL	Implementation Requirements
Ten Mile River * Sediment	
Effective Date: December 2000	
BPA:	
Resolution:	
Trinity River* Sediment	
Effective Date: December 20, 2001	
BPA:	
Resolution:	
Trinity River, South Fork HA* Sediment	
Effective Date: December 1998	
BPA:	
Resolution:	
Van Duzen River and Yager Creek * Sediment	
Effective Date: December 16, 1999	
BPA:	
Resolution:	
R2 - San Francisco	Region
Napa River Sediment	
Effective Date: January 20, 2011	
BPA: Chapter 7, Water Quality Attainment Strategies including TMDLs	
Resolution: R2-2009-0064	

Richardson Bay Pathogens Effective Date: December 18, 2009 BPA – Pathogens in Richardson Bay Resolution: Rez-2008-0061 San Francisco Bay PCBs Effective Date: March 29, 2010 BPA: Exhibit A & TMDL & TMDL A TMD	TMDL	Implementation Requirements
December 18, 2009 BPA – Pathogens In Richardson Bay Resolution: R2 2008-0061 San Francisco Bay PCBs Effective Date: March 29, 2010 BPA: Exhibit A & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA – Chapter 7, SF Bay Mercury TMDL Resolution: R2 2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2 2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
Resolution: Resolution: Resolution: San Francisco Bay PCBs Effective Date: March 29, 2010 BPA: Exhibit A & TMDL & TMDL & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA – Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolution: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May Effective Date: May Diazino & Pesticide Toxicity Effective Date: May Effective Date: May		
R2-2008-0061 San Francisco Bay PCPs Effective Date: March 29, 2010 BPA: Exhibit A & TMDL & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: Resolution: Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May Effective Date: May		
Effective Date: March 29, 2010 BPA: Exhibit A & TMDL & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
March 29, 2010 BPA: Exhibit A & TMDL & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
TMDL & Implementation Plan for PCBs Resolution: R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
R1-2008-0012 San Francisco Bay Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May	TMDL & Implementation Plan	
Mercury Effective Date: February 12, 2008 BPA - Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
February 12, 2008 BPA – Chapter 7, SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
SF Bay Mercury TMDL Resolution: R2-2006-0052 Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
Sonoma Creek Sediment Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May	SF Bay Mercury	
Effective Date: September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
September 8, 2010 BPA: Exhibit A & Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
Implementation Plan Resolutions: R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
R2-2008-0103 and 2010-0016 Urban Creek Diazinon & Pesticide Toxicity Effective Date: May		
Diazinon & Pesticide Toxicity Effective Date: May	R2-2008-0103 and	
	Diazinon & Pesticide	

	REVISED – April 27, 2012	
TMDL	Implementation Requirements	
BPA: BPA – Chapter 3, Toxicity		
Resolution: R2-2005-0063		
R3 - Central Coast	Region	
San Lorenzo River (includes Carbonera Lompico, and Shingle Mill Creeks) Sediment		
Effective Date: February 19, 2004		
BPA: Attachment to R3-2002-0063		
Resolution: R3-2002-0063		
Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary) Sediment		
Effective Date: January 20, 2004		
BPA: Attachment A to R3-2002-0051		
Resolution: R3-2003-0051		
R4 - Los Angeles R	R4 - Los Angeles Region	
Ballona Creek Trash		
Effective Date: August 1, 2002 & February 8, 2005		
BPA: Attachment A, Chapter 7-3.		
Resolution: 2004-0023		

TMDL	Implementation Requirements
Legg Lake Trash	
Effective Date: February 27, 2008	
BPA: Attachment A Chapter 7-27	
Resolution: R4-2007-10	
Los Angeles River Trash	
Effective Date: July 24, 2008	
BPA: Attachment A, Chapter 7-2	
Resolution: R4-2007-012	
Machado Lake Trash	
Effective Date: February 27, 2008 BPA: Attachment A Chapter 7-26	
Resolution: R4-2007-06	
Malibu Creek Watershed Trash	
Effective Date: June 26, 2009	
BPA: Attachment A, Chapter 7-31	
Resolution: R4-2008-007	
Revolon Slough and Beardsley Wash Trash	
Effective Date: August 1, 2002 &	

	REVISED - April 21, 2012	
TMDL	Implementation Requirements	
February 8, 2005 BPA: Attachment A, Chapter 7-3.		
Resolution: 2004-0023		
Ventura River Estuary Trash		
Effective Date: February 27, 2008		
BPA: Attachment A, Chapter 7-25		
Resolution: R4-2007-008		
Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria		
Effective Date: March 26, 2007		
BPA: Attachment A, Chapter 7-21		
Resolution: R4-2006-011		
Harbor Beaches of Ventura County (Kiddie Beach and Hobie Beach) Bacteria		
Effective Date: December 18, 2008		
BPA: Attachment A, Chapter 7-28		
Resolution: R2007-017		
Malibu Creek and Lagoon Bacteria		
Effective Date: January 10, 2006		
BPA: Attachment A,		

	Implementation Requirements	
TMDL	implementation Nequilements	
Chapter 7-10		
Resolution: 2004-019R		
Marina del Rey, Harbor Back Basins, Mother's Beach Bacteria		
Effective Date: March 18, 2004		
BPA: Attachment A, Chapter 7-5		
Resolution: 2003-012		
Santa Monica Bay Beaches during Dry & Wet Weather Bacteria		
Effective Date: June 19, 2003		
BPA: Attachment A, Chapter 7-5		
Resolution: 2003-012		
Ballona Creek Metals		
Effective Date: December 22, 2005 and reaffirmed on October 29, 2008		
BPA: Attachment A, Chapter 7-12		
Resolution: R2007-015		
Calleguas Creek and its Tributaries and Mugu Lagoon Metals and Selenium		
Effective Date: March 26, 2007		
BPA: Attachment A, Chapter 7-19		

	Implementation Requirements
TMDL	
Resolution: R4-2006-012	
Los Cerritos Channel * Metals	
Effective Date: March 17, 2010	
BPA:	
Resolution:	
Los Angeles River Metals	
Effective Date: December 22, 2005 and October 29, 2008	
BPA: Attachment A, Chapter 7-13 and Attachment B.	
Resolution: R2007-014	
San Gabriel River * Metals	
Effective Date: March 26, 2007	
BPA:	
Resolution:	
Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient)	
Effective Date: March 11, 2009	
BPA: Attachment A to R08-006	
Resolution: R08-006	
Santa Clara River Reach 3 * Chloride	
Effective Date:	

1	REVISED – April 27, 2012
TMDL	Implementation Requirements
June 18, 2003	
BPA:	
Resolution:	
Ballona Creek Estuary Toxic Pollutants	
Effective Date: December 22, 2005	
BPA: Attachment A, Chapter 7-14	
Resolution: R4-2005-008	
Marina del Rey Harbor Toxic Pollutants	
Effective Date: March 16, 2006	
BPA: Attachment A, Chapter 7-18	
Resolution: R4-2005-012	
Calleguas Creek its Tributaries and Mugu Lagoon Organochlorine Pesticides, Polychlorinated Biphenyls, and Siltation	
Effective Date: March 14, 2006	
BPA: Attachment A, Chapter 7-17	
Resolution: R4-2005-010	
R5 – Central Valle	y Region
Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch Mercury	

	Implementation Requirements
TMDL	implementation requirements
Effective Date: February 7, 2007	
BPA: Attachment 1 to R5-2005-0146	
Resolution: R5-2005-0146	
Clear Lake Nutrients	
Effective Date: September 21, 2007	
BPA: Attachment 1 to R5-2006-0060	
Resolution: R5-2006-0060	
Sacramento-San Joaquín River Delta Estuary Methyl mercury	
Effective Date: October 20, 2011	
BPA: Sacramento River and San Joaquin River Basins for the Control of	
Methylmercury and Total Mercury in the Sacramento –San Joaquin River Delta	
Estuary Resolution: R5-2010-0043	
R6 – Lahontan Region	
Lake Tahoe	IMPLEMENTATION REQUIREMENTS

Lake Tahoe	IMPLEMENTATION REQUIREMENTS
Sediment and Nutrients	A. Pollutant Load Reduction Requirements
Effective Date: August 16, 2011	The Department must reduce fine sediment particle (FSP), total phosphorus (TP), and total nitrogen (TN) loads by 10%, 7%, and 8%, respectively, by September 30, 2016.
BPA: WQ Amendment May 2008	Pollutant load reductions shall be measured in accordance with the processes outlined in the most recent version of Lake Clarity Crediting Program Handbook. To demonstrate compliance with the average annual fine sediment particle pollutant load reduction requirements, the Department must earn and maintain 361 Lake Clarity Credits for the water
Resolution:	year October 1, 2015 to September 30, 2016, and for subsequent water years.

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Implementation Requirements

2009-0028

B. Pollutant Load Reduction Plans

The Department shall prepare a Pollutant Load Reduction Plan (PLRP) describing how it expects to meet the pollutant load reduction requirements described in Section A above. The Department shall submit a plan no later than September 15, 2013 that shall include, at a minimum, the following elements:

1. Catchment registration schedule

The PLRP shall include a list of catchments that the Department plans to register pursuant to the approved Lake Clarity Crediting Program to meet load reduction requirements. The list shall include catchments where capital improvement projects have been constructed since May 1, 2004 that the Department expects to claim credit for, and catchments where projects will be constructed and other load reduction activities (capital improvements, institutional controls, and other measures/practices implement) taken during the term of this Order.

2. Proposed pollutant control measures

The PLRP shall generally describe storm water program activities to reduce fine sediment particle, total phosphorus, and total nitrogen loading that the Department will implement in identified catchments.

3. Pollutant load reduction estimates

The Department shall conduct pollutant load reduction analyses on a representative catchment subset to demonstrate that proposed implementation actions are expected to achieve the pollutant load reduction requirements specified in Section A above. For representative catchments, the analysis shall include detailed estimates of both baseline pollutant loading and expected pollutant loading resulting from implementation actions and provide justification why the conducted load reduction analysis is adequate for extrapolation to other catchments.

The pollutant loading estimates shall differentiate between estimates of pollutant load reductions achieved since May 1, 2004 and pollutant load reductions from actions not yet taken.

4. Load reduction schedule

The PLRP shall describe a schedule for achieving the pollutant load reduction requirements described in Section A above. The schedule shall include an estimate of expected pollutant load reductions for each year of this Permit term based on preliminary numeric modeling results. The schedule shall also describe which catchments the Department anticipates it will register for each year of this Permit term.

5. Annual adaptive management

The PLRP shall include a description of the processes and procedures to annually assess storm water management activities and associated load reduction progress. The plan shall describe how the Department will use information from the monitoring and implementation or other efforts to improve operational effectiveness and for achieving the pollutant load reduction requirements specified in Section A.

6. Pollutant Load Reduction Plan Update

year TMDL implementation period, defined as the ten-year load reduction milestone in the Lake Tahoe TMDL. Specifically, the update Pollutant Load Reduction Plan shall demonstrate how the Department will reduce baseline fine sediment particle, total nitrogen, and total phosphorus loads by 21 percent, 14 percent, and 14 percent, respectively, by water ye 2021. C. Pollutant Load Reduction Progress To demonstrate pollutant load reduction progress, the Department shall submit a Progress Report by March 15, 2014 documenting pollutant load reductions accomplished between May 1, 2004 (baseline year) and October 15, 2011. D. Pollutant Load Reduction Monitoring and Water Quality Monitoring Requirements		NEVIOLD April 21, 2012
describe how it will achieve the pollutant load reduction requirements for the second fiver TMDL. specifically, the update Pollutant Load Reduction Plan shall demonstrate how the Department will reduce baseline fine sediment particle, total nitrogen, and total phosphorus loads by 21 percent, 14 percent, and 14 percent, respectively, by water ye 2021. C. Pollutant Load Reduction Progress To demonstrate pollutant load reduction progress, the Department shall submit a Progress Report by March 15, 2014 documenting pollutant load reductions accomplished between May 1, 2004 (baseline year) and October 15, 2011. D. Pollutant Load Reduction Monitoring and Water Quality Monitoring Requirements Caltrans shall prepare and submit a Stormwater Monitoring Plan for review and approval by the Regional Board by July 15, 2013 and implement the approved plan. Truckee River Sediment Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 Resolution: 2009-0028 PAT - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:	TMDL	Implementation Requirements
To demonstrate pollutant load reduction progress, the Department shall submit a Progress Report by March 15, 2014 documenting pollutant load reductions accomplished between May 1, 2004 (baseline year) and October 15, 2011. D. Pollutant Load Reduction Monitoring and Water Quality Monitoring Requirements Caltrans shall prepare and submit a Stormwater Monitoring Plan for review and approval by the Regional Board by July 15, 2013 and implement the approved plan. Truckee River Sediment Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		describe how it will achieve the pollutant load reduction requirements for the second five- year TMDL implementation period, defined as the ten-year load reduction milestone in the Lake Tahoe TMDL. Specifically, the update Pollutant Load Reduction Plan shall demonstrate how the Department will reduce baseline fine sediment particle, total nitrogen, and total phosphorus loads by 21 percent, 14 percent, and 14 percent, respectively, by water year
Report by March 15, 2014 documenting pollutant load reductions accomplished between May 1, 2004 (baseline year) and October 15, 2011. D. Pollutant Load Reduction Monitoring and Water Quality Monitoring Requirements Caltrans shall prepare and submit a Stormwater Monitoring Plan for review and approval by the Regional Board by July 15, 2013 and implement the approved plan. Truckee River Sediment Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		C. Pollutant Load Reduction Progress
Caltrans shall prepare and submit a Stormwater Monitoring Plan for review and approval by the Regional Board by July 15, 2013 and implement the approved plan. Truckee River Sediment Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		
the Regional Board by July 15, 2013 and implement the approved plan. Truckee River Sediment Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		D. Pollutant Load Reduction Monitoring and Water Quality Monitoring Requirements
Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		Caltrans shall prepare and submit a Stormwater Monitoring Plan for review and approval by the Regional Board by July 15, 2013 and implement the approved plan.
Effective Date: September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:	Tanal as Disas	
September 16, 2009 BPA: WQ Amendment May 2008 Resolution: 2009-0028 Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		
Amendment May 2008 Resolution: 2009-0028 R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		
R7 - Colorado River Region Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:	Amendment May	
Coachella Valley Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:		
Storm Water Channel Bacterial Indicators Effective Date: Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:	R7 - Colorado Riv	ver Region
Pending BPA: Attachment 1: Final CVSC Bacteria TMDL Resolution:	Storm Water Channel	
Final CVSC Bacteria TMDL Resolution:		
	Final CVSC Bacteria	

TMDL	Implementation Requirements
R8 - Colorado Rive	er Region
Big Bear Lake Nutrients for Dry Hydrological Conditions	
Effective Date: September 25, 2007	
BPA: Attachment to. R8-2006-0023	
Resolutions: R8-2006-0023, and R8-2008-0070	
Lake Elsinore and Canyon Lake Nutrients	
Effective Date: September 30, 2005	
BPA: Attachment to. R8-2004-0037 & R8-2006-0031	
Resolution: R8-2007-0083	
Rhine Channel Area of the Lower New Port Bay* Chromium and Mercury	
Effective Date: June 14, 2002	
BPA:	
Resolution:	
San Diego Creek and Newport Bay* Metals (Cadmium, Copper, Lead, & Zinc)	
Effective Date: June 14, 2002	
BPA:	
Resolution:	

TMDI	Implementation Requirements
TMDL	
San Diego Creek Watershed and the Upper & Lower Newport Bay*	
Organochlorine Compounds (DDT, Chlordane, Dieldrin, PCBs, &	
Toxaphene Effective Date: June 14, 2002	
BPA:	
Resolution:	
R9 – San Diego Regior	1
Chollas Creek Diazinon	
Effective Date: November 3, 2003	
BPA: Attachment A to R9-2002-0123	
Resolution: Investigation Order R9-2004-0277	
Chollas Creek Dissolved Copper,	
Lead and Zinc Effective Date: December 18,	
BPA: Attachment A to Resolution No. R9-2007-0043	
Resolution: R9-2007-0036	

	Implementation Requirements
TMDL	
Rainbow Creek Total Nitrogen and Total Phosphorus Effective Date:	
March 22, 2006	
BPA: Attachment A to R9-2005-0036	
Resolution: R9-2007-0036	
Project 1- Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) Indicator Bacteria	
Effective Date: June 22, 2011	
BPA: Attachment A to Resolution R9- 2010-001	
Resolution: R9-2010-0001	

^{*} USEPA Established TMDLs