

**California Department of Transportation  
Stormwater Management Program  
District 12 Work Plan**

Fiscal Year

**2013-2014**

CTSW-RT-13-286.12.1



California Department of Transportation  
Division of Environmental Analysis  
Stormwater Management Program  
3347 Michelson Drive Suite 100, Irvine, California 92612

<http://www.dot.ca.gov/hq/env/stormwater>

April 1, 2013



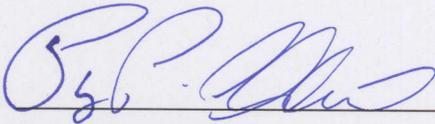
For individuals with sensory disabilities, this document is available in alternate formats upon request. Please call or write to the Stormwater Liaison, Caltrans Division of Environmental Analysis, MS-27, P.O. Box 942874, Sacramento, CA 94274-0001, (916) 653-8896 Voice, or dial 711 to use a relay service.

**California Department of Transportation**

**District 12 Certification**

**District Work Plan 2013-14**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



Ryan Chamberlain

2/27/13

Date

District 12

This page intentionally left blank.

# Table of Contents

---

<b>1</b>	<b>Introduction .....</b>	<b>1-1</b>
<b>2</b>	<b>District Personnel and Responsibilities .....</b>	<b>2-1</b>
<b>3</b>	<b>District Facilities and Water Bodies .....</b>	<b>3-1</b>
<b>4</b>	<b>Drinking Water Reservoirs and Recharge Facilities.....</b>	<b>4-1</b>
<b>5</b>	<b>Implementation.....</b>	<b>5-1</b>
<b>6</b>	<b>Total Maximum Daily Loads.....</b>	<b>6-1</b>

## Figures

Figure 2-1: District 12 Organizational Chart .....	2-6
--	-----

## Tables

Table 2-1: District 12 Stormwater Personnel and Responsibilities.....	2-4
Table 2-2: District 12 Signatory Authority for Key Documents.....	2-5
Table 4-1: District 12 Drinking Water Reservoirs and Recharge Facilities .....	4-1
Table 5-1: District 12 Anticipated Project Development and Construction Schedule.....	5-2
Table 5-2: District 12 Anticipated Maintenance Activities and Other Management Practices .....	5-12
Table 5-3: District 12 General Management Practices .....	5-12
Table 6-1: District 12 TMDL Activities .....	6-2

This page intentionally left blank.

# 1 Introduction

---

## General Information about the District Work Plan

The District Work Plans (DWP) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on April 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 12's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2012-13. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

The DWP's six chapters describe how the District plans to implement the stormwater program during the upcoming fiscal year. Chapter 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Chapter 2 describes the personnel with stormwater operations responsibilities in the District. In Chapter 3, the District's facilities are listed and categorized by type and location. Chapter 4 describes and identifies the locations where spills from the District's owned rights-of-way, activities, roadways or facilities can discharge directly to a drinking water reservoir or ground water recharge facility. In Chapter 5, the District's implementation activities are summarized, including projects that will be in the design and construction phases during the fiscal year, as well as the planned activities associated with municipal coordination, stormwater monitoring, and public education. Chapter 6 identifies the Total Maximum Daily Loads (TMDLs) for which the District has been named a stakeholder, and a general discussion of planned TMDL actions.

## District Goals and Commitments

District 12 has a continuous training program for Design, Construction, Permits, and Maintenance staff on stormwater issues. This training includes tailgate meetings and formal classes on specific stormwater management strategies and activities. With the new Caltrans Statewide NPDES Permit becoming effective July 1, 2013, the District will be coordinating with Caltrans Headquarters to ensure that the District will be in compliance with any new requirements of the recently adopted permit. This includes the District developing a method for inputting projects into the SWRCB's Stormwater Multiple Application and Report Tracking System (SMARTS) database to comply with Construction General Permit. The District is in the process of identifying a backup Legally Responsible Person (LRP) who will be processing the Project Registration Documents (PRDs). In addition, the District will be involved with assisting Headquarters in other requirements of the newly adopted Caltrans NPDES Permit such as the development of the Statewide Stormwater Management Plan (SWMP) and the ASBS Compliance Plan. In coordination with Caltrans Headquarters developed policies, the District NPDES Stormwater Coordinator will ensure that District staff is updated with the new NPDES permit requirements and provide adequate training to ensure compliance with the newly adopted permit.

This page was intentionally left blank.

## **2 District Personnel and Responsibilities**

---

Chapter 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This chapter also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Notice of Construction or NOC).

### **District NPDES Stormwater Coordinator**

Under the general direction of the Deputy District Director for Environmental Analysis, the District Stormwater Coordinator (DSWC) is responsible for developing District stormwater quality policies and guidance, and daily management of the District's stormwater quality program. The DSWC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Stormwater Program. The specific stormwater tasks for which the DSWC is responsible include the following:

- Provides guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Program, as described in the DWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensures the accuracy and adequacy of the stormwater workload allocations for each fiscal year.
- Coordinates and tracks resource distributions, workloads, and projects within the District.
- Assists the District's functional units in prioritizing, monitoring, tracking, and evaluating stormwater resources, activities, and operations.
- Implements a quality assurance and quality control program for monitoring the activities of the District's functional units, in order to ensure that the conditions of Caltrans' NPDES Permit, SWMP, and DWP are implemented properly.
- Provides guidance and direction necessary to develop strategies for addressing regulations and mandates on stormwater and waste discharges set forth by federal, state, and local regulatory agencies.
- Primary contact on stormwater and waste discharge issues between the District and Headquarters, the RWQCBs, U.S. Environmental Protection Agency, and other agencies.
- Represents the District at the Stormwater Advisory Teams (SWATs) identified in the SWMP.
- Monitors and evaluates the stormwater activities and procedures of municipalities, developers, and other agencies.
- Arbitrates disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.
- Establishes impartial and equitable decisions that benefit Caltrans in attaining the objectives of the Stormwater Program.
- Works as a leader and chairperson of the District NPDES Coordination Team.

## **NPDES Stormwater Unit**

Under the direction of the DSWC, the NPDES Stormwater Unit provides technical support to District staff on water quality issues. The specific stormwater tasks for which the NPDES Stormwater Unit is responsible include the following:

- Evaluates and recommends temporary, permanent control and treatment measures for addressing project stormwater impacts.
- Identifies costs related to water pollution control, non-stormwater discharges, and waste management on programming documents.
- Develops new specifications, details, and guidance materials related to non-stormwater discharges and waste management.
- Prepares contract specifications and estimates to address the development of Stormwater Pollution Prevention Plans (SWPPPs).
- Prepares contract plans, specifications, and estimates (PS&E) to address temporary controls for non-stormwater discharges and waste management activities.
- Prepares or assists in the preparation of the contract PS&E to include permanent control measures to improve or minimize water quality impacts.
- Prepares the report for Notice of Construction (NOC).
- Assists the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.

## **Environmental Liaison**

The Environmental Liaison (EL) is responsible for communicating with the DSWC for the proper implementation of the environmental portion of the SWMP and DWP. The EL ensures that the staff supports and properly executes the activities defined in the SWMP and DWP, especially the responsibilities applicable to the EL. The specific stormwater tasks for which the EL is responsible include the following:

- Evaluates stormwater impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Provides Water Quality Technical Reports as determined by the Environmental Document.

The Environmental Liaison reports all stormwater related environmental activities to the District NPDES Coordination Team.

## **Maintenance Coordinator**

The Maintenance Stormwater Coordinator (MSWC) is responsible for communicating with the District Division Chief (DDC) of Maintenance and the DSWC regarding the proper implementation of maintenance-related sections of the SWMP and DWP. The MSWC reports all stormwater related maintenance activities to the District NPDES Coordination team and coordinates stormwater training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to NPDES Permit compliance. The MSWC serves as the conduit for information between the District NPDES Coordination Team, Maintenance Construction Coordinator

## **Construction Coordinator**

Under the general direction of the Division of Construction, the Construction Stormwater Coordinator (CSWC) is responsible for facilitating proper implementation of the SWMP and the DWP in construction. The CSWC coordinates all issues that involve overall compliance within the District for stormwater pollution prevention during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Coordinates and tracks water pollution control training of construction staff.
- Assist Resident Engineers with review of Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Plan (WPCP).
- Assists the Construction Resident Engineer in providing the DSWC approved SWPPPs to the RWQCBs as requested.
- Attends or schedules staff to attend compliance inspections.
- Prepares guidelines for staff.
- Ensures the filing of the Notice of Construction Completion (NCC) forms for SWPPP projects.
- Supports Construction Resident Engineer in preparing reports to DSWC for submittal to the RWQCBs as requested.
- Provides oversight inspections for SWPPP projects.
- Oversight on the submittal of discharge notices and other regulatory issues by the Resident Engineers.
- Represents Construction in the District's NPDES Coordination Team Meetings.
- Provides input to the Annual Report.
- Participates on the Construction SWAT (CSWAT) defined in the SWMP.

The CSWC provides support to the Construction Resident Engineer to ensure that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase.

## **Right-of-Way Coordinator**

The Right-of-Way (ROW) Coordinator for the District NPDES Coordination Team is responsible for:

- Attending all District NPDES Coordination Team meetings to report on ROW activities.
- Ensuring that stormwater training is available to ROW Agents tasked with property inspection responsibilities.
- Ensuring that regular property inspections include stormwater inspections.
- Maintaining documentation of the inspection findings and corrective actions.
- Preparing a summary of completed stormwater property inspections for use in Annual Reports.
- Disseminating information and answer questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notifying the DSWC of discharges or situations that appear to be in gross violation of Caltrans' NPDES Permit, SWMP, or DWP.

- Reporting instances where ROW may conduct construction activities that require the development of a SWPPP and related notifications.

### Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the District NPDES Coordination Team and is responsible for providing information on permanent control measures, except those related to erosion control that are being planned, designed, and implemented in projects. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the DWP and water pollution control efforts and commitments to minimize or prevent pollutants from being present in discharges. The HR ensures that the design processes used by the Hydraulics Branch are consistent with the DWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

### Encroachment Permits Coordinator

The Permits Coordinator is a member of the District NPDES Coordination Team and is responsible for ensuring that the District Office of Permits complies with the NPDES Permit, SWMP, and DWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into Caltrans ROW for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into Caltrans' ROW comply with the NPDES Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.

Table 2-1 lists staff members responsible for implementing the Stormwater Management Program.

*Table 2-1: District 12 Stormwater Personnel and Responsibilities*

Staff Name	Title	Phone No.	E-mail	Responsibility
Grace Piña-Garrett	District NPDES/ Stormwater Coordinator	(949) 724-2189	grace_pina-garrett@dot.ca.gov	Primary contact for all District NPDES/Stormwater issues. Oversees the District NPDES/Stormwater Unit and coordinates with the other NPDES/Stormwater functional units within the District.
Hector Salas	Environmental Specialist, Environmental Liaison	(949) 724-2625	hector_salas@dot.ca.gov	Under the direction of the District's NPDES/Stormwater Coordinator, the Environmental Specialist ensures NPDES Permit compliance from all functional units. Contacts and submits all information to the RWQCB; Environmental Liaison to the District NPDES/ Stormwater Coordinator. Reviews projects in the planning and environmental document phase. Prepares Technical Water Quality Documents for Caltrans projects.
Mark Doroudian	Construction Stormwater Coordinator	(949) 724-2133	mark_doroudian@dot.ca.gov	Assisting Resident Engineers with review of Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Plan (WPCP). Liaison between field construction and District NPDES Stormwater coordinator.
Richard Reed	Maintenance Stormwater Coordinator	(949) 648-3986	richard_reed@dot.ca.gov	Liaison between Maintenance field crews and District NPDES/ Stormwater Coordinator. Inspects Maintenance facilities and provides training to Maintenance field personnel.

Staff Name	Title	Phone No.	E-mail	Responsibility
John Jalali	Permits Coordinator	(949) 724-2266	john_jalali@dot.ca.gov	Permits Liaison to the District NPDES/Stormwater Coordinator. Reviews SWPPPs/WPCPs and conducts routine project inspections for Encroachment Permits. District 12 Permits liaison to Headquarters Office of Permits and other Districts Stormwater Coordinators.
Harry Pantoja	Right of Way Coordinator	(949) 724-2388	harry_pantoja@dot.ca.gov	Conducts Airspace Lease Inspections for Water Quality

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Permit/SWMP required documents.

*Table 2-2: District 12 Signatory Authority for Key Documents*

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Ryan Chamberlain, District Director	(949) 440-3440	ryan_chamberlain@dot.ca.gov	All District Documents
Sylvia Vega, Deputy District Director, Environmental Analysis	(949) 724-2018	sylvia_vega@dot.ca.gov	All District Documents except the District Work Plan
Grace Piña-Garrett, DSWC	(949) 724-2189	grace_pina-garrett@dot.ca.gov	All District Documents except the District Work Plan
Design Branch Chiefs	-	-	Notice of Construction (NOC)
Resident Engineers	-	-	SWPPP, Notice of Intent (NOI), Notice of Termination (NOT), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Annual Report, Numeric Action Level (NAL) Exceedance Report
Reza Aurasteh, Branch Chief, Environmental Engineer	(949) 724-2738	reza_aurasteh@dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
MSWC	-	-	Facility Pollution Prevention Plans (FPPP)
Lisa Ramsey, Deputy District Director, Capital Program	(949) 724-2010	Lisa_Ramsey@dot.ca.gov	Backup Legally Responsible Person (LRP)
Saeid Asgari, Office Chief, Construction	(949) 724-2170	Saeid_Asgari@dot.ca.gov	Backup Legally Responsible Person (LRP)

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

Figure 2-1: District 12 Organizational Chart

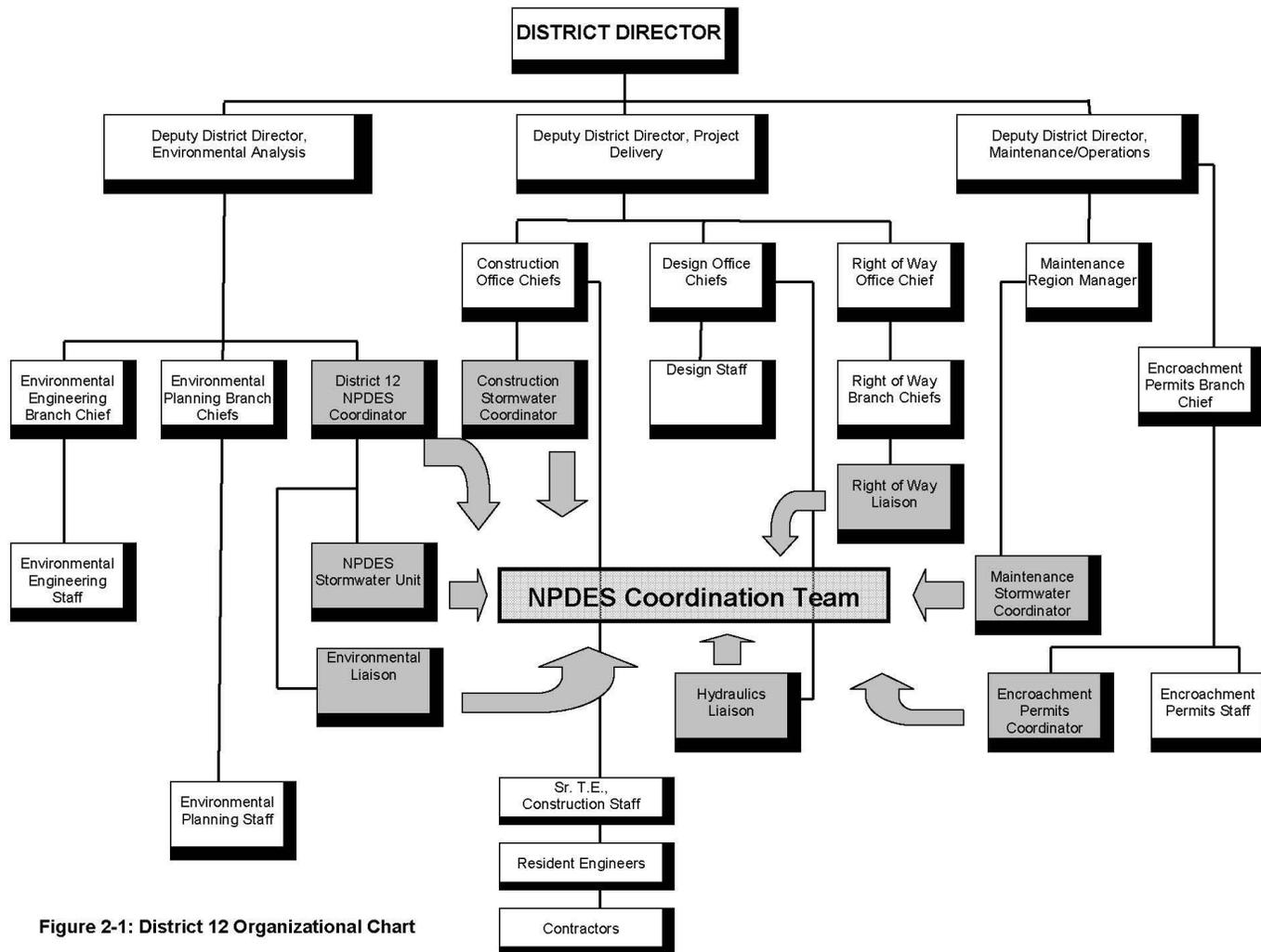


Figure 2-1: District 12 Organizational Chart

### **3 District Facilities and Water Bodies**

---

Chapter 3 of the DWP identifies crew and address information about Caltrans maintenance stations, vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. For security reasons, the table and map identifying these facilities is not available to the public to comply with the Department of Homeland Security Policy. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

This page intentionally left blank.

## 4 Drinking Water Reservoirs and Recharge Facilities

Chapter 4 of the DWP describes and identifies the locations where spills from District-owned rights-of-way, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of drinking water reservoirs and recharge facilities within District 12 is presented in Table 4-1. Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities.

To generate the list of municipal, domestic water supply reservoirs, and ground water percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

*Table 4-1: District 12 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR-91, PM008.57/018.91  SR-90 PM 12.7/12.8	Orange	Santa Ana	Santa Ana River Recharge Basins/ Orange County Water District	<p>The Orange County Water District (OCWD) is responsible for managing the underground water reserves that supply about 500 wells within district boundaries. About 270,000 acre-feet of water is pumped for use each year. Groundwater reserves are maintained by a recharge system, which replaces water pumped from wells. OCWD's facilities have a recharge capacity of approximately 300,000 acre-feet per year. About two million people depend on this source for more than three-quarters of their water.</p> <p>Along a six-mile section of the Santa Ana River that belongs to OCWD, a system of diversion structures and recharge basins captures most of the water that would otherwise flow into the Pacific Ocean. The district has 1,500 acres of land for use in its recharge program.</p> <p>SR-91 is parallel to the Santa Ana River, upstream from the OCWD Recharge Basins and discharges directly into the Santa Ana River. SR-90 (Imperial Highway) crosses the Santa Ana River upstream from the OCWD Recharge Basins.</p>	-

This page was intentionally left blank.

## 5 Implementation

---

Chapter 5 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance activities is subject to change. These projects are limited to those meeting any of the following criteria:

1. Equal to or greater than 1 acre of Disturbed Land Area, including area of a new bridge
2. Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Chapter 4 of the DWP
3. A Supplemental Environmental Project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 5-1 include (where applicable):

1. Location (county, route and post mile limits)
2. Project Number (expense authorization)
3. Basic Project Description
4. Disturbed Land Area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies
6. Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in chapter 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Treatment Control Status
9. Dredge and Fill (CWA-401) activities within the project

The updated lists of projects meeting these criteria will also be provided to the RWQCB semi-annually on April 1st and October 1st. Furthermore, this chapter identifies planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the CWA. Information associated with the activities includes location, affected water body, and area of disturbance. In addition, this chapter also describes the planned activities associated with municipal coordination, stormwater monitoring, and public education within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, information contained in a DWP may be repeated in another DWP.

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
1	0L610	ORA	1	19	0	San Diego	Pedestrian bridge overcrossing	Aliso Creek	N	>1.0	C	01/01/14	-	12/01/14	12/01/15
2	0C890	ORA	5	30.3	34	Santa Ana	Provide a second HOV lane in both directions	Santiago Creek, Santa Ana River	N	>1.0	C	11/01/13	04/01/15	03/01/16	03/01/18
3	0E570	ORA	5	8.5	9.4	San Diego	Widen roadway and bridges	San Juan Creek	Y	10	BS	04/17/06	07/02/09	07/13/10	02/22/14
4	0F060	ORA	5	5.6	6.6	San Diego	Widen road and bridge, place HMA	San Mateo Creek and San Clemente Coastal Streams	N	5.5	BS	01/29/08	09/15/10	03/22/12	10/31/14
5	0F920	ORA	5	6	31.2	San Diego	Planting and irrigation	San Juan Creek, Trabuco Creek, Oso Creek, San Diego Creek	N	7	E	10/28/05	05/01/08	06/01/10	12/01/14
6	0F96A	ORA	5	3	3.7	San Diego	Add one HOV lane	San Juan Creek, Prima Deshecha Creek, Segunda Deshecha Creek,	N	>1.0	C	10/26/11	06/10/13	05/09/14	03/09/18
7	0F96C	ORA	5	3.7	6.2	San Diego	Add one HOV lane	San Juan Creek, Prima Deshecha Creek, Segunda Deshecha Creek,	Y	134.4	BS, D, MF	10/26/11	03/14/13	01/04/14	02/03/17

<sup>1</sup> Supplemental Environmental Projects designated as "SEP."

<sup>2</sup> Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.

<sup>3</sup> Water bodies with designation for 303(d) designation are noted in parentheses.

<sup>4</sup> If yes, a 401 permit will be required for this project. NA = Not Available at this time.

<sup>5</sup> Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
8	0F96E	ORA	5	6.2	8.7	San Diego	Add one HOV lane	San Juan Creek, Prima Deshecha Creek, Segunda Deshecha Creek,	Y	134.4	BS, D, MF	10/26/11	01/12/13	10/31/13	11/30/16
9	0G260	ORA	5	29.6	31.1	Santa Ana	Route 5/Route 55 interchange improvement	Santa Ana/ Santa Fe Channel	N	>1.0	C	05/01/14	10/01/15	03/01/16	03/01/18
10	0G940	ORA	5	1.4	1.6	San Diego	Construct sound walls and widen bridge	Segunda Deshecha Creek	N	>1.0	E	08/05/04	01/22/09	01/11/11	07/01/13
11	0G940	ORA	5	1.4	1.6	San Diego	Construct sound walls and widen bridge	Segunda Deshecha Creek	N	>1.0	E	08/05/04	01/22/09	01/11/11	07/01/13
12	0G990	ORA	5	27.6	28.2	Santa Ana	Widen and construct retaining wall	El Modena Irvine Channel	N	2.2	E	07/07/08	11/06/09	04/01/11	12/01/13
13	0H021	ORA	5	16.5	16.7	San Diego	Modify ramp/ interchange	La Paz Creek	N	4.7	BS	04/02/08	-	04/01/11	11/15/13
14	0H027	ORA	5	23.9	23.9	Santa Ana	Widen Sand Canyon Avenue through the interchange, widen ramps, relocate Marine Way intersection	La Paz Creek	N	4.7	BS	08/01/07	11/01/12	02/01/13	04/01/14
15	0J61U	ORA	5	19.2	22.2	Santa Ana	Revegetation of exposed slopes for NPDES concerns and source control	San Diego Creek	N	1.0	C	12/01/12	11/01/13	09/01/14	09/01/18

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
16	0K020	ORA	5	10.9	19	San Diego	Operational improvement that includes mainline lane add, HOV, aux lane, and interchange re-configuration	Oso Creek, Aliso Creek, Trabuco Creek, San Juan Creek, San Diego Creek, Newport Bay	N	116	C	07/01/14	01/29/17	06/01/18	07/01/22
17	0K020	ORA	5	10.9	19	Santa Ana/San Diego	Operational improvement that include mainline lane add, HOV, aux lane, and interchange re-configuration	Oso Creek, Aliso Creek, Trabuco Creek, San Juan Creek, San Diego Creek, Newport Bay	N	116	C	07/01/14	01/29/17	06/01/18	07/01/22
18	0K670	ORA	5	21.2	31.1	Santa Ana	Provide new lanes in both directions and improve the interchange at the El Toro "Y"	San Diego Creek	N	>1.0	C	03/25/16	10/22/19	10/12/20	01/29/24
19	0L280	ORA	5	8.8	0	San Diego	Widening of San Juan Creek Road	San Juan Creek	N	>1.0	C	09/01/13	-	10/01/14	10/01/15
20	0M530	ORA	5	36	36	Santa Ana	Widen Katella to provide better LOS	East Garden Grove Wintersburg Channel	N	>1.0	C	02/01/12	-	03/01/13	09/01/13
21	06820	ORA	22	0.7	0	Santa Ana	Widen OC	Los Alamitos Channel	N	>1.0	C	08/28/15	-	04/13/17	09/27/18
22	07162	ORA	22	0.7	0.9	Santa Ana	Widen freeway and construct bridges	Los Alamitos Channel	N	>1.0	C	03/26/03	06/03/09	06/25/10	01/16/15
23	07163	ORA	22	0.6	0.9	Santa Ana	Reconstruct interchange	Los Alamitos Channel	N	>1.0	C	03/26/03	09/03/09	11/05/10	06/07/15

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
24	08790	ORA	22	7.8	0	Santa Ana	Modify interchange	Los Alamitos Channel	N	>1.0	C	11/10/16	-	04/01/18	01/01/19
25	0J870	ORA	22	9.7	10.5	Santa Ana	Redirect NB I-5 traffic from CDR to SR-22 mainline, restrict SR-22 main line access and SB I-5 connector	Santiago Creek	N	>1.0	C	08/28/17	11/27/23	11/18/24	02/21/28
26	00550	ORA	55	7.5	7.6	Santa Ana	Construct OC and HOV access ramps	Lane Channel	N	2.65	BS	04/13/06	-	10/01/15	11/01/18
27	07810	ORA	55	16.1	16.1	Santa Ana	Construct new interchange	Santa Ana River	N	>1.0	C	04/16/15	-	10/16/17	10/17/19
28	0H208	ORA	55	17	17.7	Santa Ana	Flatten the slope above the maintenance access road	Santa Ana River	N	6.5	E	09/30/10	02/15/12	07/15/13	07/02/15
29	0J340	ORA	55	6.2	10.3	Santa Ana	Widen to include one new general-purpose lane and one new auxiliary lane (1 GP + 1 aux)	Lane Channel/ Santa Ana Santa Fe Channel	N	>1.0	C	01/15/14	08/29/16	09/28/17	09/15/21
30	0J640	ORA	55	7.6	9.9	Santa Ana	Slope restabilization	Lane Channel/ Santa Ana Santa Fe Channel	N	>1.0	C	02/01/14	12/01/14	07/01/15	07/01/19
31	0C110	ORA	57	19.9	21.5	Santa Ana	Reconfigure ramp at SR-57 and Lambert	Loftus Channel	N	>1.0	C	11/01/13	09/01/15	07/01/16	10/01/18
32	0F031	ORA	57	16.2	18.8	Santa Ana	Widen freeway and bridges	Fullerton Creek/ Loftus Channel	N	19.3	BS	11/30/07	07/20/09	10/26/10	02/10/14
33	0F032	ORA	57	18.8	21.1	Santa Ana	Widen lanes, ramps and bridges	Loftus Channel	N	20.3	BS, D	11/30/07	07/07/09	11/02/10	07/01/14
34	0F040	ORA	57	12.3	15.2	Santa Ana	Widen NB route 57 and bridges	Santa Ana River	N	39	BS, D	11/25/09	12/10/10	11/17/11	03/01/15

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
35	0F04A	ORA	57	12.3	15.2	Santa Ana	Highway replacement planting	Santa Ana River	N	>1.0	E	12/01/13	06/30/14	04/02/15	04/02/19
36	0H440	ORA	73	10	24.5	Santa Ana/San Diego	Stormwater mitigation and slope stability	San Diego Creek	N	>1.0	E	02/01/09	12/01/12	12/01/13	12/01/17
37	0J860	ORA	73	12.5	12.5	San Diego	Reconstruct slope	San Diego Creek	N	>1.0	E	07/01/08	12/29/08	07/14/09	-
38	0M550	ORA	73	10.6	11	San Diego	Build shear pile walls with tiebacks	Oso Creek	N	>1.0	E	02/15/12	05/11/12	07/09/12	09/02/14
39	0M660	ORA	73	10	11.4	San Diego	Install 3 horizontal drains, roadway AD dike, re-grade and re-compact median area and extend V-ditch.	Oso Creek	N	< 1.0	E	-	-	-	-
40	08692	ORA	74	1	1.9	San Diego	Widen from 2 lanes to 4 lanes	San Juan Creek	N	32	BS	11/30/09	09/01/18	07/02/19	07/02/21
41	0E310	ORA	74	0	0.2	San Diego	Replace bridge and widen ramp	Horno Creek	N	7.94	BS	06/01/09	12/22/11	09/18/12	03/01/16
42	0E31A	ORA	74	0	1.6	San Diego	Highway replacement planting	San Juan Creek	N	>1.0	E	06/01/09	06/01/14	03/01/15	03/01/19
43	0L720	ORA	74	2.9	5.1	San Diego	Construct 4-foot right shoulder, pave turnouts, replace/add MBGR	San Juan Creek	N	>1.0	C	07/01/13	11/15/14	01/01/16	03/01/18
44	0M440	ORA	74	1.5	1.9	San Diego	Repair ditch.	San Juan Creek	N	>1.0	E	11/15/12	02/01/13	07/15/13	07/01/14
45	05622	ORA	90	11.8	12.5	Santa Ana	Hwy planting install irrigation sys	East Richfield Channel	N	>1.0	C	05/01/08	11/01/10	10/29/11	02/01/16

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
46	0C560	ORA	91	8.1	9.3	Santa Ana	Provide an auxiliary lane from NB SR-55 to Tustin Avenue off-ramp	Santa Ana River	N	4.73	BS	05/20/11	02/05/13	12/01/13	10/01/15
47	0C570	ORA	91	0.9	5.4	Santa Ana	Convert WB auxiliary lanes at various locations into a through lanes and modify ramps	Carbon/ Fullerton Creek	N	22	C	06/17/10	04/04/12	02/01/13	12/01/15
48	0C571	ORA	91	0.8	5.5	Santa Ana	Replacement landscape project	-	N	>1.0	E	02/01/15	09/01/15	06/01/16	06/01/20
49	0G330	ORA	91	9.1	15.6	Santa Ana	Widen freeway and bridges	Santa Ana River	N	50	BS	04/24/09	08/12/10	05/27/11	09/01/13
50	0K970	ORA	91	15	0	Santa Ana	Provide direct connector between SR-241 and SR-91	Santa Ana River	N	25	BS	12/01/15	04/01/17	11/01/17	05/01/19
51	0L400	ORA	91	15.9	18.9	Santa Ana	Corridor improvement widening	Santa Ana River	N	>1.0	C	06/30/12	-	-	03/27/14
52	0L750	ORA	91	0.3	0.3	Santa Ana	Shoulder widening, signing, striping and guardrail modification	Coyote Creek	N	< 1.0	E	03/15/12	02/01/13	09/15/13	03/01/14
53	0M400	ORA	91	0	2.8	Santa Ana	Improve maintenance access and paving for roadside worker safety.	Coyote Creek	N	< 1.0	E	10/01/14	09/01/15	05/01/16	05/01/17

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
54	0G009	ORA	133	10	11	Santa Ana	Trabuco road interchange, add new IC on Eastern Transportation Corridor, east leg	Marshburn Channel	N	>1.0	C	10/01/14	-	08/01/17	06/01/19
55	1072C	ORA	133	4.1	8.1	San Diego	Planting and irrigation	Laguna Canyon/ San Diego Creek	Y	>1.0	E	01/01/03	06/30/08	02/04/09	05/01/15
56	0C820	ORA	241	31	33.5	Santa Ana	E Orange IC improvements new SR-241 SB on-ramp, widening and grading Chapman Avenue	Santiago Creek	N	>1.0	C	01/25/06	-	05/01/15	05/01/17
57	0C821	ORA	241	32.9	0	Santa Ana	Construct D street overcrossing	Santiago Creek	N	>1.0	C	01/25/06	-	12/01/13	06/01/15
58	0G010	ORA	241	37.2	37.5	Santa Ana	Weir Canyon Road IC add two ramps on the south	Santa Ana River	N	>1.0	BS	11/15/05	-	07/01/14	03/01/16
59	0G012	ORA	241	18.5	22.5	Santa Ana	FTC SB widening. Add one lane SB FR S of Santa Margarita Pkwy to N of Bake Pkwy and reestablish NB aux lane	Trabuco Creek	N	>1.0	C	01/11/06	-	02/01/16	10/31/17
60	0G850	ORA	241	38.4	38.4	Santa Ana	Construction of Mountain Park overcrossing on SR-241	Santa Ana River	N	>1.0	C	01/24/06	-	09/01/14	09/01/15
61	0J660	ORA	241	14.5	32.5	Santa Ana	Slope restabilization	San Juan Creek, Trabuco Creek, Aliso Creek	N	>1.0	C	12/01/14	11/01/15	06/02/16	06/02/20

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
62	0J670	ORA	241	32.5	39	Santa Ana	Slope restabilization	Santa Ana River	N	>1.0	E	06/01/09	04/24/12	04/01/13	04/01/14
63	0J680	ORA	241	27.6	33.6	Santa Ana	Construct three general purpose lanes on SB SR-241	Santiago Creek	N	>1.0	C	01/17/12	-	06/01/17	01/15/19
64	11102	ORA	241	0	15.9	San Diego	Foothill trans corridor (south)	San Mateo Creek, San Clemente Coastal Streams	N	>1.0	C	06/01/13	-	01/29/14	11/01/17
65	0H450	ORA	261	0	0.1	Santa Ana	Selenium treatment facility	Peters Canyon Wash	N	>1.0	C	07/01/13	02/01/14	01/01/15	02/01/16
66	0J650	ORA	261	0	6.2	Santa Ana	Slope restabilization	El Modena Channel, Peters Canyon Wash	N	>1.0	C	09/01/14	08/04/15	01/31/16	01/31/20
67	11100	ORA	261	26.4	38.5	Santa Ana	Construct freeway	-	-	-	-	10/30/09	-	07/01/97	07/01/13
68	00542	ORA	405	6.8	7.6	Santa Ana	Construct HOV drop ramps	San Diego Creek	N	>1.0	C	08/08/15	-	09/01/17	09/01/20
69	00543	ORA	405	9.6	10.3	Santa Ana	Construct HOV drop ramp 00540k spl: 005410/20/30	Santa Ana River	N	>1.0	C	12/01/14	-	09/01/17	09/01/20
70	09820	ORA	405	22.3	22.7	Santa Ana	Widening ramps, ramp intersections, and bridge approaches	Federal Storm Channel	N	>1.0	BS	04/18/03	-	09/01/14	02/02/16
71	0E790	ORA	405	13.4	13.5	Santa Ana	Widen OC	Santa Ana River	N	>1.0	C	10/17/15	02/01/18	08/04/18	01/03/20
72	0F240	ORA	405	0.9	1.5	Santa Ana	Remove existing outside shoulder, construct auxiliary lane and standard shoulder	San Diego Creek	N	>1.0	C	07/01/15	08/01/16	06/01/17	01/11/19
73	0F550	ORA	405	6.4	7.4	Santa Ana	Highway planting and irrigation	San Diego Creek	N	10	E	11/03/11	01/26/12	03/04/13	03/03/17

*Table 5-1: District 12 Anticipated Project Development and Construction Schedule*

No.	Project Location						Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
	EA	Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
74	0H036	ORA	405	2.2	0	Santa Ana	Widen Laguna Canyon Road overcrossing	San Diego Creek	N	>1.0	C	03/22/06	-	11/01/14	03/01/15
75	0H045	ORA	405	3.1	3.8	Santa Ana	Add auxiliary lane	San Diego Creek	N	>1.0	C	07/01/15	08/01/16	06/01/17	12/01/18
76	0H100	ORA	405	10.3	24.1	Santa Ana	One-lane widening in each direction and adding auxiliary lanes at various locations	Santa Ana River, Bolsa Chica Channel, East Garden Grove Westminster Channel	N	>1.0	C	07/01/13	03/02/19	06/01/15	12/01/19
77	0L710	ORA	405	1.1	9	Santa Ana	Concrete ditch preventative maintenance	Airport Channel, San Diego Creek, Lane Channel	N	< 1.0	E	11/01/11	12/01/11	06/18/12	07/01/14
78	0M130	ORA	405	5	5.6	Santa Ana	Widen ramp for deceleration lane	San Diego Creek	N	>1.0	C	03/21/12	05/10/12	11/06/12	04/22/14
79	10911	ORA	405	4.7	0	Santa Ana	Widen OC	San Diego Creek	N	>1.0	C	04/09/93	10/15/16	02/05/17	04/14/18

<b>Treatment Control Status Legend</b>	
<b>BMP Device Types:</b>	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
DWFD	Dry Weather Flow Diversion
E	Exempt
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
C	Consider
E	Exempt

Table 5-2 lists planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

*Table 5-2: District 12 Anticipated Maintenance Activities and Other Management Practices*

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>6</sup>	Start Date	Completion Date
<i>None</i>								

Table 5-3 lists the District’s planned general program management practices, such as monitoring activities, public education and participation, municipal coordination, including any cooperative agreements that may be in effect with local agencies.

*Table 5-3: District 12 General Management Practices*

Monitoring Activities
<p>The District plans to:</p> <ul style="list-style-type: none"> <li>Conduct monitoring activities in accordance with the Statewide Stormwater Action Plan Supporting Study as described in the Stormwater Monitoring Plan.</li> </ul>
Public Education and Participation
<p><b>Example:</b> The District plans to:</p> <ul style="list-style-type: none"> <li>District 12 will be involved in the Annual Children’s Water Education Festival hosted by the Orange County Water District and Disneyland. Members of the District 12 Stormwater Program address the various issues in stormwater pollution prevention to over 5,000 elementary school children.</li> <li>Host a booth at the City of San Juan Capistrano Earth Day event.</li> </ul>
Municipal Coordination
<p>The District plans to:</p> <ul style="list-style-type: none"> <li>Maintain a continuous exchange of information with the County of Orange, the Orange County Flood Control District, and 25 of the 33 Orange County cities who are co-permittees in the municipal NPDES Permit with the Santa Ana and San Diego RWQCBs. Newly incorporated cities will be added as Orange County co-permittees.</li> <li>District 12 personnel will assist Headquarters DEA with Areas of Special Biological Significance (ASBS) workshops as needed for coordination on requirements.</li> <li>As a committee member, the Environmental Liaison will attend the Orange County Transportation Authority (OCTA) Environmental Cleanup Allocation Committee (ECAC) meetings. The ECAC is a committee formed by OCTA to award grants for water quality projects within the County of Orange.</li> <li>District 12 personnel will attend TMDL workshops as they are announced for TMDLs where Caltrans has been identified as a potential stakeholder.</li> <li>District 12 personnel will coordinate with various stakeholders (including County of Orange and affected Cities) and Regional Board on issues pertaining to the San Diego Creek/Upper Newport Bay Selenium</li> </ul>

<sup>6</sup> Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW."

*Table 5-3: District 12 General Management Practices*

Watershed Plan development.

- Seek opportunities to collaborate with the MS4 permittees to increase public education efforts within the District.
- Participate in local events as the District budget allows.
- Make some District stormwater training courses available for participation by local agencies.
- Notify, via verbal and written correspondence, the municipalities of any illicit discharges or connections discovered within the District ROW and associated with a municipality's jurisdiction.
- Discuss and be open to any possible opportunities to participate in public outreach programs sponsored by the municipalities.

This page was intentionally left blank.

## 6 Total Maximum Daily Loads

---

Chapter 6 of the DWP describes and identifies the TMDLs for which the District has been identified as a stakeholder. A summary of planned District projects and participation efforts for TMDL compliance is provided. This information may include a general discussion of the load allocation assessment, approach, or strategy for achieving allocations under an Implementation Plan, and the coordination of activities with other stakeholders during the next fiscal year.

For each TMDL, the District develops a plan to conduct activities that will achieve TMDL compliance objectives. The activities may include designing or constructing structural BMPs, depending on the pollutant and level of mitigation required by the TMDL, or non-structural controls, such as maintenance activities, municipal coordination, and partnerships. The District strives to meet TMDL compliance objectives as it continues to work with the RWQCB to achieve the maximum feasible pollutant reduction.

Table 6-1 lists TMDL compliance activities for each TMDL in District 12 for which Caltrans has been assigned a Waste Load Allocation (WLA), an implementation plan has been approved, and has a compliance deadline.

For each TMDL listed in the table, the following is indicated:

- RWQCB
- Water Body Name
- Pollutant
- Load Reduction Implementation Date – the timeframe to achieve load reduction goals
- Monitoring – compliance alternatives for implementing mitigation measures to comply with the TMDL, including, if known, a time frame for development of the compliance alternatives
- TMDL Municipal/Stakeholder Coordination – Coordination with municipalities and local stakeholders on how to meet load reduction goals
- Planned Actions – specific activities the District intends to conduct during the fiscal year to comply with the TMDL by the deadline

*Table 6-1: District 12 TMDL Activities*

District	Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
12	8	San Diego Creek/Upper and Lower Newport Bay Organochlorine Compounds TMDL	pending	Revise existing NPDES permits Revise planning processes to assure proper communication of Regional Board-SWPPP Improvement Program (upon revision of SW permit) Evaluate/implement BMPs effective in reducing/ eliminating organochlorine discharges Evaluate sources of OCs; develop and implement BMPs accordingly Conduct special studies (to be determined) Develop TMDL Implementation Workplan Revise regional monitoring plan	As soon as possible but no later than 7 years after OAL Approval			No activities planned pending the State of California's Office of Administrative Law (OAL) approval of the Basin Plan Amendment and NPDES permit renewal

District	Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
	9	San Diego Beaches Bacteria TMDL	4/4/2011	Meet 50% Interim REC-1 for Priority 1	4/4/2016	In early stages of a draft monitoring plan. Expected submittal to the regional board by April 2012.	A Stakeholder Advisory Group (SAG) has been formed, and Caltrans will be coordinating with the RWQCB and other dischargers to develop implementation methods, a monitoring plan, and other reports.	Pending
				Meet 50% Interim REC-1 for Priority 2	4/4/2017			
				Meet 50% Interim REC-1 for Priority 3	4/4/2018			
				Meet 100% Interim REC-1 for Priority 1,2 and 3	4/4/2021			
				Meet 100% Final REC-1,SHELL for Priority 1, 2, and 3	4/4/2031			
12	8	Toxics TMDL for San Diego Creek and Newport Bay Watershed, Selenium TMDL <sup>7,8</sup>	Pending	Submit a Basin Plan Amendment to RWQCB	Pending	Pending	County of Orange, lead agency for the Nitrogen Selenium Group (to which Caltrans no longer belongs), submitted a strategic plan to Santa Ana RWQCB to comply with the deadline for the Time Scheduled Order. RWQCB staff is expected to prepare a Basin Plan Amendment, including a Site Specific Objective (SSO), and revised Selenium TMDLs.	Pending

<sup>7</sup> In 2002, the EPA issued a Toxics TMDL for the Watershed, which is now being broken down into 5 separate TMDLs by the State (including a TMDL for selenium)

<sup>8</sup> Order No. R8-2004-0021 incorporates an alternative compliance approach by authorizing the formation of a Working Group and the implementation of a Work Plan to develop a comprehensive understanding of and management plan for selenium and nitrogen groundwater-related inflows in the watershed.

This page was intentionally left blank.