

**California Department of Transportation  
Stormwater Management Program  
District 7 Work Plan**

Fiscal Year

**2014–2015**

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California Department of Transportation  
Division of Design  
Office of Stormwater Management Program  
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<http://www.dot.ca.gov/hq/env/stormwater>

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**California Department of Transportation**

**District 7 Certification**

**District Work Plan 2014-15**

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*Carrie L. Bowen*

*8-12-13*

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**Carrie L. Bowen**

**Date**

**District Director (Acting)**

**District 7**

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# 1 Introduction

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## 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 October 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 7'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 2014-15. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

The DWP's seven sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 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 Section 5, the District's road segments prone to erosion are identified. Section 6 summarizes the District's implementation activities, 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. Section 7 identifies the planned region-specific activities to address the total maximum daily loads (TMDLs) for which the District has been named a stakeholder, and other region-specific requirements where applicable.

## District Goals and Commitments

The current goals of District 7 include improving NPDES Permit compliance monitoring practices, enhancing BMP implementation, and public outreach. The following are some of the goals for the respective stormwater departments:

- The District Stormwater Coordinator and Design Stormwater Coordinator will continue to update the treatment BMP spreadsheet of treatment BMP locations monthly and submit to Headquarters. This will facilitate gathering information for Table 5-1. This spreadsheet fulfills the requirement from Headquarters to maintain a database of all treatment BMPs implemented in each district.
- The Design Stormwater Unit facilitates incorporating water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 7.
- The Total Maximum Daily Loads (TMDL) Unit ensures that Caltrans implements and participates in joint implementation of adopted TMDLs that assign waste load allocations assigned to Caltrans.
- The Corridor Studies Unit oversees Stormwater Corridor Management Studies (Corridor Studies) for the treatment or reduction of Caltrans' stormwater pollution discharges, in individual watershed.
- The Construction Stormwater Unit will properly implement the SWMP and the DWP within the Division of Construction.

- The Maintenance Unit implements a stormwater program that uses BMPs for stormwater protection during all of its roadway maintenance activities. The District will minimize the use of vegetation control products and/or eliminate pollutant runoff. The District will inspect, repair or clean the storm drain system.
- The Encroachment Permit Stormwater Coordinator ensures that all encroachment permits issued to agencies, public entities, private developers and owners, and utility companies, encroaching within Caltrans' Right-of-Way (ROW) comply with the current NPDES Permit and SWMP, and are consistent with what is required of Maintenance, Construction, and Design.
- The ROW Stormwater Unit complies with the NPDES Permit as required through the SWMP.
- The District has 388 operational Treatment BMPs. The District also has 6 projects that are programmed for Treatment BMPs as related to TMDLs for the fiscal year 2014/2015. The District has 6 projects that are programmed for Design Pollution Prevention BMPs as related to Erosion Control/Annual Element for the fiscal year 2014/2015.
- The District is dedicated to educating staff and the public, in partnership with other stakeholders, to reduce Stormwater runoff pollution.

## **2 District Personnel and Responsibilities**

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Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by the District.

### **District Stormwater Manager**

The District Stormwater Manager is in charge of all stormwater activities in the District. The Manager is accountable for establishing an effective stormwater program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of stormwater activities. The District Stormwater Manager provides support, direction, and guidance to the District Stormwater Coordinator (DSWC). The responsibilities of the District Stormwater Manager include:

- Directing District operations regarding stormwater.
- Aligning District efforts to achieve compliance with the NPDES permit, TMDL compliance, and corridor studies.
- The alternate signatory authority in the District for all compliance documents and commitments regarding stormwater management.
- Managing the issues related to corridor studies and TMDL compliance.

### **District (NPDES) Stormwater Coordinator**

Under the general direction of the District Stormwater Manager, the 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 water quality. The DSWC supervises staff, which supports and executes activities of the DSWC and the Stormwater Program. The responsibilities of the DSWC include:

- The primary liaison and single point of contact on stormwater and waste discharge issues between the District and Headquarters, the RWQCBs, the U.S. Environmental Protection Agency (USEPA), and other agencies.
- Interpreting and implementing the statewide NPDES Permit and Construction General Permit. Under the terms of the Construction General Permit, files Notice of Intent (NOI), and Notification of Aerially Deposited Lead with the RWQCB for all applicable projects.
- Providing quality assurance prior to approving Stormwater Data Reports (SWDRs); providing water quality guidance for permit compliance issues related to design, construction and maintenance. Reviews any stormwater related documents from Headquarters and other agencies in a timely manner, and assigns work for the Stormwater Unit.
- Participating in the preparation and submittal of reports, such as the District Work Plan and Annual Report.
- Assisting in preparing responses to Notices of Violation (NOVs) and other actions by regulatory agencies.
- Attending Project Development Team (PDT) meetings, Quality Review Meetings and coordinates with municipalities on stormwater management issues.

- Providing input and clarifying concerns regarding permanent treatment BMPs by reviewing project details and identifying what services will be provided to the Project Engineer (PE). To fulfill the requirements for the completion of a SWDR, working with the PEs and identifying the type of document required (Short or Long Form).
- Representing District 7 in the Project Design Stormwater Advisory Team (PDSWAT) and Water Quality Stormwater Advisory Team (WQSWAT). Serves as a representative in the Construction Appeal Panel. Coordinates and addresses work requests between Headquarters and the functional units in the District.
- Working with Headquarters to develop and review stormwater guidance manuals.
- Coordinating training classes for District staff.
- Representing the District at a variety of public education activities within the District, such as Bring Your Child to Work Day, the Los Angeles County Fair, beach cleanup days, etc.
- Reviewing task orders and technical studies published by the District and Headquarters.
- Assisting hydraulic engineers with overseeing the development of the new Storm Drain Systems Inventory databases and the maintenance of existing databases.
- Implementing the recommendations from the corridor studies into appropriate new construction and major reconstruction projects as the projects are developed in these corridors.
- Enforcing various District Directives, especially those related to stormwater issues (District Directives 25, 31, 32, 81, 91, 92, and 95).

## **Design Stormwater Coordinator**

The responsibilities of the Design Stormwater Coordinator include:

- Targeting and stressing the implementation of Design Pollution Prevention and Treatment Best Management Practices (BMPs) on District projects.
- Attending PDT meetings.
- When requested, the Design Stormwater Coordinator attends field reviews with the PE to identify project details, field conditions, and potential locations for treatment BMPs during the PID, PAED and PS&E phases.
- Evaluating and recommending permanent control and treatment control measures for addressing project stormwater impacts. Helps to identify the costs related to water pollution and erosion control in Project Reports (PR) and Plans, Specifications, and Estimates (PS&E). During the PS&E phase, the Design Stormwater Coordinator coordinates treatment design with the Hydraulics and Landscape Architecture sections, which prepare portions of the PS&E documents.
- Reviewing all SWDRs with an emphasis on the sections that deal with Design Pollution Prevention and Treatment BMPs.
- Approving SWDRs as the designated Landscape Architect Reviewer.
- Participating in the PDSWAT and Water Quality Stormwater Advisory Team (WQSWAT).
- Assisting and providing reviews concerning Headquarters development of new specifications, details, and guidance materials related to erosion and sediment control.

- Enforcing the District Directives 25, 31, 32, 81, 91, 92, and 95 as related to stormwater issues.
- Verifying BMPs in the field upon construction completion.

### **TMDL Stormwater Coordinator**

The responsibilities of the TMDL Stormwater Coordinator include:

- As the primary contact person for TMDL compliance, the District 7 TMDL Stormwater Coordinator represents the District to coordinate TMDL compliance with the USEPA, the RWQCBs, with other regulatory agencies and local municipalities within the boundary of District 7.
- Coordinating with other local agencies to promote compliance with TMDLs and when invited, assisting the RWQCBs in developing future TMDLs.
- Participating in various watershed stakeholder groups in the development of TMDL implementation and watershed management plans, coordinating TMDL-related matters with District staff, other Districts and Headquarters.

### **Corridor Studies Manager**

The Corridor Studies Manager oversees the corridor studies prepared by consultants and ensures that the studies address the treatment or reduction of Caltrans' stormwater discharges in order to seize opportunities for Treatment BMP installation to reduce stormwater pollution. The responsibilities of the Corridor Studies Manager include:

- Analyzing, identifying and assessing the proposed BMP opportunities, sites, locations, and water quality volumes on the different stormwater freeway and highway corridors. Identify how the placement of BMPs will or will not meet the overall stormwater requirement.
- Determining the technical feasibility of implementing treatment BMPs on individual stormwater freeway and highway corridors.
- Identifying, evaluating and recommending the possible locations of treatment BMPs on individual stormwater freeway and highway corridors.

### **Construction Stormwater Coordinator**

Under the general direction of the Division of Construction, the Construction Stormwater Coordinator (CSWC) is responsible for developing stormwater quality policies and guidance, and daily management of Construction's stormwater quality program. The CSWC is responsible for the proper implementation of the SWMP and the DWP within the Division of Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The responsibilities of the CSWC include:

- Conducting inspections to assist the Resident Engineers (REs) in ensuring that water pollution control measures are implemented on construction sites.
- Providing training to District construction personnel.
- Serving as the primary contact for water pollution control issues during the construction phase.
- Developing and administering water pollution control training for construction staff.
- Assisting the Resident Engineers in uploading documents in the SMARTS System.

- Assisting the Resident Engineers in reviewing Stormwater Pollution Prevention Plans (SWPPP)/Water Pollution Control Plans (WPCP) for adequacy.
- Tracking critical compliance milestones that occur before and during the course of construction.
- Conducting final project closeout inspections.
- Assisting project engineers in developing temporary construction site BMP strategy for SWDRs. Assisting project engineers in applying for Notice of Intent (NOI) for SWPPP Projects.
- Submitting the Notice of Termination (NOT) for SWPPP projects.
- Submitting approved SWPPPs to the RWQCBs.
- Providing oversight inspections for local agency/private entity projects.
- Assisting REs in completing and submitting Illicit Connection/Illegal Discharge (IC/ID) Reports to the RWQCBs.
- Providing input to the Annual Report and District Work Plan.
- Participating in the Construction SWAT defined in the SWMP.

The CSWC ensures 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 for the RWQCBs, Headquarters Construction staff, and construction field staff. The CSWC supports the design-related functional units in determining specific project needs and evaluating the water pollution control measures in the field.

### **Maintenance Stormwater Coordinator**

As the primary contact for Maintenance stormwater issues, the Maintenance Stormwater Coordinator tracks and reports the District's response to Illicit Connections/Illegal Discharges (IC/IDs) and non-permitted non-stormwater discharges. In addition, the Maintenance Coordinator reviews stormwater programs for elements related to the Division of Maintenance, monitors and evaluates BMP implementation and effectiveness for Maintenance activities, participates in meetings that potentially impact Maintenance, prepares materials for the District's maintenance portion of the Annual Report, and coordinates with the Headquarters Division of Maintenance to arrange for training of District personnel in stormwater management.

### **Encroachment Permits Stormwater Coordinator**

The Encroachment Permits Stormwater Coordinator (EPSC) is responsible for developing stormwater quality policies and guidance, and daily management of stormwater quality in the Office of Encroachment Permits. The EPSC is responsible for, but not limited to, providing guidance to entities outside Caltrans, to the Local Agency Resident Engineer, and to the Qualified SWPPP Developer or Practitioner for the private entity or Encroachment Permit Applicant regarding the proper preparation and submittal of the Caltrans' SWPPP or WPCP documents. The EPSC:

- Works as the primary point of contact for stormwater issues during the review and inspection of the SWPPP or Caltrans WPCP for projects funded and administered by private or public entities outside Caltrans.
- Serves as the liaison to the Headquarters Encroachment Permits Stormwater Coordinator.
- Implements stormwater training for Encroachment Permit staff.

- Develops appropriate solutions to implement Caltrans stormwater requirements and policies applicable to non-Caltrans, encroachment projects.
- Reviews and accepts the permit applicant's SWPPP or WPCP document.
- Ensures that encroachment permit projects below one million dollars and primarily within the Caltrans' ROW install pre-designated treatment BMPs, as defined in the current Corridor Study List.
- Conducts routine stormwater field inspections for Caltrans compliance.
- Coordinates with the permittee's QSP to resolve construction site BMP and SWPPP issues.
- Assists the Permit Inspector during final permit project closeout inspections.
- Verifies the installation of any required treatment BMPs and reports their completion to the Design Stormwater Coordinator.
- Submits accepted SWPPPs to the District NPDES coordinator as requested.
- Submits reports to the District NPDES coordinator as requested.
- Submits Threat of Discharge reports to the District NPDES coordinator.
- Submits stormwater noncompliance issues to the District NPDES coordinator.
- Prepares and submits IC/ID Reports to the District Maintenance Coordinator.
- Represents Encroachment Permits in the District's NPDES Task Force Meetings.
- Represents Encroachment Permits in the Encroachment Permits and Construction Stormwater Task Force Meetings.
- Represents Encroachment Permits at regular C/EP SWAT and Super SWAT meetings.
- Provides input to Caltrans' Annual Report and District Work Plan.
- Maintains and archives SWPPP records per CGP requirements.

The EPSC coordinates with District NPDES coordinator about requests for compliance monitoring by the Regional Board. The EPSC and NPDES coordinator work cooperatively on enforcement actions involving outside entities or their field staff. The EPSC works cooperatively with Permit Writers and Inspectors during permit issuance, time extensions and permit closures to verify the outside entity complies with stormwater regulations. The EPSC also coordinates Caltrans sponsored stormwater training for the Encroachment Permits staff, including permit writers and inspectors.

### **Right-of-Way (ROW) Stormwater Coordinator**

The responsibilities of the ROW Stormwater Coordinator include:

- Attending all Stormwater Management Coordinator (SWMC) 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 answering questions regarding Caltrans’ stormwater policy to all ROW staff involved in stormwater inspections.
- Notifying the SWMC and/or the DSWC of discharges or situations that appear to be in violation of Caltrans’ NPDES Permit, SWMP, or DWP.
- Reporting instances where ROW may conduct construction activities that require the development of a SWPPP and notification.

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

*Table 2-1: District 7 Stormwater Personnel and Responsibilities*

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Jai Paul Thakur	District Stormwater Manager	(213) 897-7546	jai_paul_thakur@dot.ca.gov	Primary contact for all stormwater issues. Oversees all Design Division NPDES office employees within the District.
Shirley Pak	District Stormwater Coordinator	(213) 897-0428	shirley_pak@dot.ca.gov	Primary contact for regulatory inquiries about implementing the statewide SWMP. Primary point of contact with HQ and other stormwater coordinators in Maintenance and Construction. Final District “sign-off” on all SWDR.
Ron Russak	Design Stormwater Coordinator	(213) 897-0233	ron_russak@dot.ca.gov	Targets the implementation of permanent BMPs wherever practicable on District projects.
Bob Wu	TMDL Stormwater Coordinator	(213) 897-8636	robert_wu@dot.ca.gov	As a primary contact for TMDL compliance, the District TMDL Coordinator represents the District in TMDL-related matters with the USEPA, the RWQCBs, other regulatory agencies and other municipalities within District 7’s jurisdiction.
Timothy Tieu	Corridor Study Manager	(213) 897-2584	timothy_h_tieu@dot.ca.gov	Oversees the corridor studies prepared by consultants. The studies will evaluate the potential locations for treatment BMPs throughout District 7.
Aythem A. Al-Saleh	Construction Stormwater Coordinator	(213) 897-1960	aythem_a_al-saleh@dot.ca.gov	Conducts inspections to assist the RE in ensuring that stormwater controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepares Annual BMP Effectiveness Report submitted to NRDC.
Roger E. Castillo	Maintenance Stormwater Coordinator	(213) 620-6318	roger_e_castillo@dot.ca.gov	Manages the District’s Maintenance stormwater staff. Coordinates, tracks, and reports the District’s response to IC/IDs and non-permitted non-stormwater discharges.

*Table 2-1: District 7 Stormwater Personnel and Responsibilities*

Staff Name	Title	Phone No.	E-mail	Responsibility
Edward Delano	Encroachment Permits Stormwater Coordinator	(213) 897-2662	edward_delano@dot.ca.gov	Responsible for reviewing permits from local agencies, utility companies, school districts, and private developers to ensure all permits issued for encroachment into Caltrans' ROW are in compliance with the NPDES Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design. Provides additional stormwater field support to Encroachment Permit Inspectors. Primary contact between HQ, DSWC, SWMC, EPSWAT and DEPO.
Jimmy S. Li	Right of Way Stormwater Coordinator	(213) 897-0530	jimmy_s_li@dot.ca.gov	Responsible for ensuring that stormwater training is available to ROW agents tasked with property inspection responsibilities; Ensuring that regular property inspections include stormwater inspections.

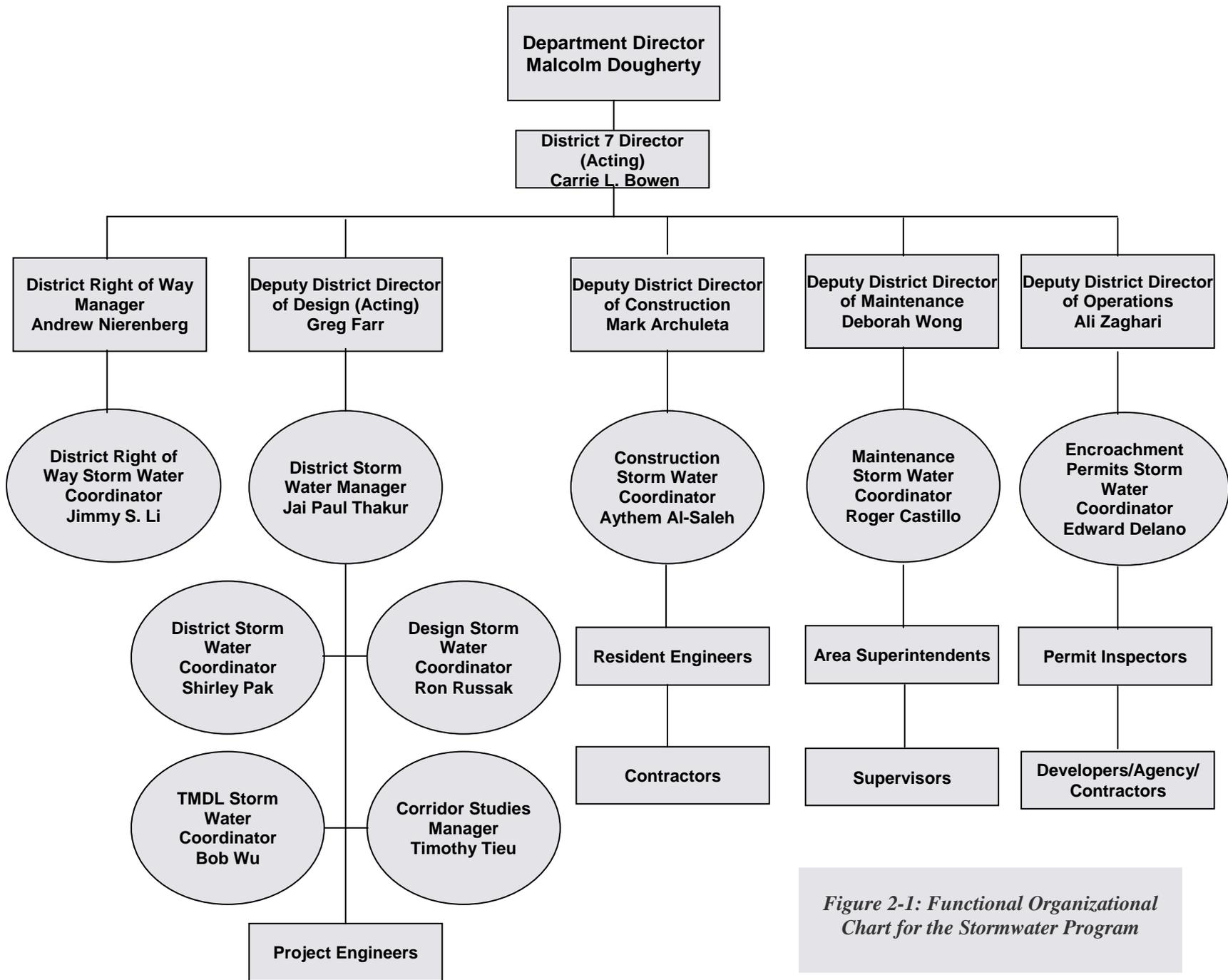
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater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

*Table 2-2: District 7 Signatory Authority for Key Documents*

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Project Engineer	-	-	Aerially Deposited Lead (ADL) Notification
Project Engineer, Project Manager, Design Stormwater Coordinator, Maintenance Stormwater Coordinator, District Stormwater Coordinator	-	-	Storm Water Data Report
District Director	-	-	District Work Plan
Resident Engineer, Construction Stormwater Coordinator	-	-	SWPPP, Notice of Intent (NOI), Notice of Construction Completion (NCC)
District Maintenance Stormwater Coordinator, Maintenance Area Superintendent, and Maintenance Special Crew's Supervisor.	-	-	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
District Maintenance Stormwater Coordinator	-	-	Facility Pollution Prevention Plans (FPPP)

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

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*Figure 2-1: Functional Organizational Chart for the Stormwater Program*

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

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Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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## 4 Drinking Water Reservoirs and Recharge Facilities

Section 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 high-risk areas consider project features that enhance spill response.

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.

When planning projects within these defined areas, District 7 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 7 is presented in Table 4-1.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 1, PM 8.172-8.824	VEN	4	Mugu Lagoon	The lagoon has three sections: the western arm, eastern arm, and central basin. Wetland acreage is 1,474. It has 3,000 acres historically. Its tributary is Calleguas Creek (343 square miles [sq. miles]) of watershed. The other source is from groundwater. Pesticides have been found in the water body. Birds, fish and insects use the lagoon as an ecological habitat.	The lagoon is located within Naval Air Weapons Station, Point Mugu, eight miles southeast of the City of Oxnard, in Southern Ventura County.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 5, PM 9.47-9.59 Bridge #53-639	LA	4	Rio Hondo Coastal Spreading Ground	First used in 1937-38, the shallow spreading ground and its gross area is 570 acres and wetted area is 430 acres. Channel capacity is 40,000 cubic feet per second (cfs) and percolation is 400 cfs.	Located in the cities of Montebello and Pico Rivera Basin, Rio Hondo is situated over a geologic uplift in the Central Basin. Rio Hondo SG are holding ponds that collect local stormwater runoff, imported water and highly treated recycled water allows water to percolate from the surface of the ground into the aquifers below ground.
SR 5 PM 41.6/42.79	LA	4	Los Angeles Reservoir/Upper Retention Basin/Lower Retention Basin	This 10,000 acre foot (acre-ft) reservoir is the terminal reservoir for the Aqueduct System. Its storage allows large changes in the supply to the distribution system while aqueduct inflow remains relatively constant.	The LA Reservoir replaces the Van Norman Reservoirs, which were damaged during the February 9, 1971 earthquake. The Lower Retention Basin works in conjunction with the main Los Angeles Aqueduct System, which supplies 80% of the City's water.
SR 5 PM 39.28/40.46 SR 118 PM R10.86/R11.62	LA	4	Pacoima Spreading Ground	This shallow basin was first used in 1932-1933. Its gross area is 169 acres and wet area is 107 acres. Its channel capacity is 17,000 cfs, intakes is 600 cfs, storage of 440 acre-ft.	The spreading ground is located both sides of old Pacoima Wash Channel from Arleta Avenue southwesterly to Woodman Avenue.
SR 10, PM 38.32/38.51	LA	4	Walnut Creek Spreading Ground	This deep basin was first used in 1962-63. Its gross area is 16 acres and wet area is 8 acres. Its channel capacity is 8,000 cfs, intakes is 150 cfs and storage of 170 acre-ft.	The SB is located in the City of Covina. Located just north of Garvey Ave North and west of Grand Avenue. It is controlled by the LACFCD from Puddingstone Reservoir and uncontrolled flows from Walnut Creek.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
SR 23 PM 0.22-0.35	VEN	4	Lake Eleanor	Lake Eleanor is on Eleanor Creek in Ventura County. Used for Recreation purposes. Its normal surface area is 9 acres. Its height is 37 feet with a length of 140 feet and with a normal storage of 104 acre-feet. It drains an area of 1.2 square miles.	It is owned by Conejo Recreation and Park District.
SR 39, PM 15/16.5	LA	4	San Gabriel Canyon Spreading Ground	First used in 1917, this basin has a gross area and wetted area of 165 acres as well. There are 2 intakes to this facility, one is fed from surplus 'Committee of Nine' flows, and the other is from the river into basin No. 2. The capacity of the channel is 98,000 cfs. The percolation rate is 50 cfs.	Located east of San Gabriel River and below mouth of San Gabriel Canyon, north of the City of Azusa. Los Angeles County Department of Public Works spreads imported water from MWD and the San Gabriel Valley Municipal Water District (SGVMWD) in the facility.
SR 39 PM 19.17/21.45	LA	4	Morris Reservoir	Started in 1932 and completed in 1935. Capacity is 22,463 acre-ft. The drainage area is 14.3 sq. miles. San Gabriel and Cogswell Dam control 202.7 sq. miles. The Spillway elevation is 1,152 feet.	This site was a naval weapons test facility from WW2 to the early 1990s. Site was used for the development of submarine-based warfare systems. Located in the San Gabriel Mountains about 5 miles north of the city of Azusa below San Gabriel Reservoir. The mean elevation is about 1,400 ft.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 39 PM 22.17/26.52:	LA	4	San Gabriel River Reservoir	The main use and purpose of the reservoir is for flood control, water conservation, and capture of storm runoff and snow melt in the reservoirs of Cogswell, San Gabriel, and Morris Dams. Started in 1932 and completed in 1939. The drainage area is 163.5 square miles (uncontrolled) and 39.2 square miles (controlled). Its capacity is 43,646 acre-feet.	This is located in the San Gabriel Canyon, 7.5 miles north of the City of Azusa.
SR 605, PM R15.56, Rte 164 PM 1.38/2.06	LA	4	Whittier Narrows Flood Control or Basin/Whittier Narrows Dam/Channel	The purpose of the basin is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam. The capacity of the Rio Hondo downstream from Whittier Narrows Dam is approximately 1,034 m <sup>3</sup> /s. The basin's capacity is 67,060 acre-ft. Its height is 56 feet. Built in 1957.	The dam provides water conservation storage and is the central element of the LA County Drainage Area flood control system. The project is constructed by the Army Corps of Engineers.
SR 101, PM 17.52/18.48: SR 405 PM 39.43/41.27	LA	4	Sepulveda Flood Control Basin or Sepulveda Dam/Reservoir	Built in 1941, the purpose of the reservoir is for flood control purposes. Its height is 57 feet with a length of 15,440 feet. Maximum discharge of 99,540 cubic feet per second. Its capacity is 27,563 acre-feet. Normal storage is 1-acre feet. It drains an area of 152 square miles.	The reservoir is a flood control project. The project is constructed by the Army Corps of Engineers.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
SR 150 PM 6.39/11.39	VEN	4	Lake Casitas	A lake formed by Casitas Dam in Coyote Creek two miles before it joins the Ventura River. Was completed in 1959. Stands 279 feet tall. Has a capacity of 254,000 acre-feet. The dam was built as part of the Ventura River Project.	Built by the United States Bureau of Reclamation.
SR 170, PM 19.75/20.55 SR 5, PM R36.15/36.34	LA	4	Branford Spreading Basin/Tujunga Spreading Ground	First used 1956-57, this deep basin has a gross area of 12 acres and wetted area of 7 acres. Outlet channel capacity 1,540 cfs to Pacoima Diversion Channel.	Located southwest of Arleta Avenue above confluence of Tujunga Wash and Pacoima Diversion Channel. In-stream spreading facility The LACDPW spreads imported water from MWD and the San Gabriel Valley Municipal Water District (SGVMWD) in the facility.
SR 605 PM 24/25.76; SR 210, PM R36.54/36.98	LA	4	Santa Fe Spreading Ground/Flood Control Basin/Reservoir/Dam	This shallow basin was first used in 1953-54. Its gross area is 338 acres, wetted area is 168 acres. Its channel capacity is 98,000 cfs, intake capacity 600 cfs and storage capacity is 540 acre-ft. Its percolation is 400 cfs.	The Santa Fe Flood Control Basin can be found on the Baldwin Park USGS quad topographic map.
SR 210 PM 5.14	LA	4	Lopez Spreading Ground	This shallow basin was first used in 1956-1957. Its gross area is 18 acre and wetted area is 12 acre. Its intake capacity is 25 cfs, storage capacity is 24 acre-ft, and percolation is 15 cfs.	The location is on the southeasterly side of Pacoima Wash, northeasterly of Foothill Blvd, with controlled flows from Pacoima Dam and Lopez Flood Control Basin.
SR 210 PM R7.63/9.08	LA	4	Hansen Spreading Ground/Flood Control Basin/Reservoir/Dam	These shallow basins were first used 1944-45. The gross area is 156 acre, wetted area is 105 acre. Channel capacity is 22,000 cfs. Its intake capacity is 400 cfs and storage capacity is 279 acre-ft. The percolation is 150 cfs.	It is owned by U.S. Army Corp of Engineers. Located northwesterly side of Tujunga Wash from above Glenoaks Boulevard. Southwesterly to San Fernando Road. Controlled flows from Hansen Dam and Big Tujunga Dam.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
SR 210 PM R21.84/22.25	LA	4	Devils Gate Dam/Reservoir	Devils Gate is a gravity dam. Construction began 1919 and was completed in 1920. Its drainage area is 31.9 square miles. Its capacity is 1,471 acre-ft. Its spillway elevation is 1,040.5 feet.	Devils Gate Dam is on the Arroyo Seco in Los Angeles County, California. It is owned by Los Angeles County Department of Public Works. It is used for drinking water, fish and wildlife protection and flood control.
SR 210 PM 43.9/44.23	LA	4	Forbes Spreading Ground	This shallow basin was first used in 1964-1965. Its gross area is 21 acres, wetted area is 10 acres. Its intake capacity is 100 cfs and storage capacity is 87 acre-ft, percolation is 5 cfs.	South side of San Dimas Wash between Lone Hill Avenue and Valley Center Avenue
SR 210 PM 49.11	LA	4	Live Oak Spreading Ground	This shallow basin was first used in 1961-1962. Its gross area is 5 acres and wetted area is 3 acres. Its intake capacity is 15 cfs, storage capacity is 12 acre-ft, and percolation is 13 cfs.	The location is westerly side of Live Oak Wash. North of Base Line Road, with controlled flows from Live Oak Dam and Live Oak Debris Basin.
SR 210 PM R51.72/52.15	LA	4	San Antonio Spreading Ground	Downstream of San Antonio Reservoir. San Antonio Reservoir was completed 1956. San Antonio Dam's capacity is 7,582 acre-feet.	Owned by the U.S. Army Corp of Engineers.
SR 710, PM 9.62/9.84 LA 405, PM 7.6	LA	4	Dominguez Gap, Spreading Ground	A deep basin was first used in 1957-58 has a gross area of 54 acres, channel capacity of 146,000 cfs, intake capacity 5 cfs, storage capacity 234 cfs and percolation capacity is 1 cfs.	Located south of Del Amo Boulevard, bordering the eastern and western sides of the Los Angeles River.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 23 PM 2.6/2.76	VENTURA	4	Westlake Dam	It spans 635 feet, is 30 feet high on the back side (the downstream side), and is 12 feet thick at the base tapering to 2 feet at the top. Its base rests on bedrock. The top of the dam is 870 feet above sea level. It contains 14,000 acre-feet.	One of the largest privately owned dams in the U.S.
SR 138, PM 56.06, 70.28 SR 14, PM 57.14	LA	6	California Aqueduct	The California Aqueduct is one of three major aqueducts running through the desert of California. The main stem of the California Aqueduct consists of 385 miles of concrete-lined open canal and 59 miles of tunnels, siphons, and pipelines. It transports up to 3 million-acre feet of water each year to SWP urban and agricultural users.	The aqueduct splits in southern Kern County, with one branch leading to Castaic Lake, and the other, the East Branch, heading through Antelope Valley and south to Lake Perris in Riverside County.

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## 5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 7 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 7's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

*Table 5-1: District 7 Inventory of Road Segments Prone to Erosion*

County	Route	Post Mile Range Start	Post Mile Range End	Regional Board	Watershed	Scheduled Stabilization Date
VEN	033	48.516	57.500	3/4	Sespe Creek/Cuyama River	TBD
VEN	033	46.619	46.819	3	Cuyama River	TBD
VEN	033	45.521	46.020	3	Cuyama River	TBD
VEN	033	43.873	44.372	3	Cuyama River	TBD
VEN	033	42.567	43.773	3	Cuyama River	TBD
VEN	033	40.949	41.262	4	Sespe Creek	TBD
VEN	033	24.153	27.669	4	Sespe Creek	TBD
VEN	033	18.231	19.461	4	Sespe Creek	TBD
VEN	033	14.192	14.501	4	Ventura River	TBD
VEN	150	7.000	9.601	4	Ventura River/Los Sauces Creek	TBD
LA	001	9.780	62.867	4	Dominguez Channel/Santa Monica Bay	TBD
LA	001	0.000	59.901	4	Dominguez Channel/Santa Monica Bay	TBD
LA	001	41.029	44.024	4	Santa Monica Bay	TBD
LA	001	38.954	39.222	4	Santa Monica Bay	TBD
LA	014	R28.397	R28.500	4	Santa Clara River	TBD
LA	014	33.400	35.897	4	Santa Clara River	TBD
LA	014	37.997	39.797	4	Santa Clara River	TBD
LA	014	R48.589	R59.703	4/6	Santa Clara River/Rock Creek/Unnamed Streams	TBD
LA	014	R64.792	R65.196	6	Unnamed Stream	TBD
LA	002	27.219	60.081	4	Los Angeles River/San Gabriel River/Unnamed Streams	TBD

Figure 5-1 is a map showing California State Highway System areas that are prone to erosion within District 7 in 2013.

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# Figure 5-1: District 7

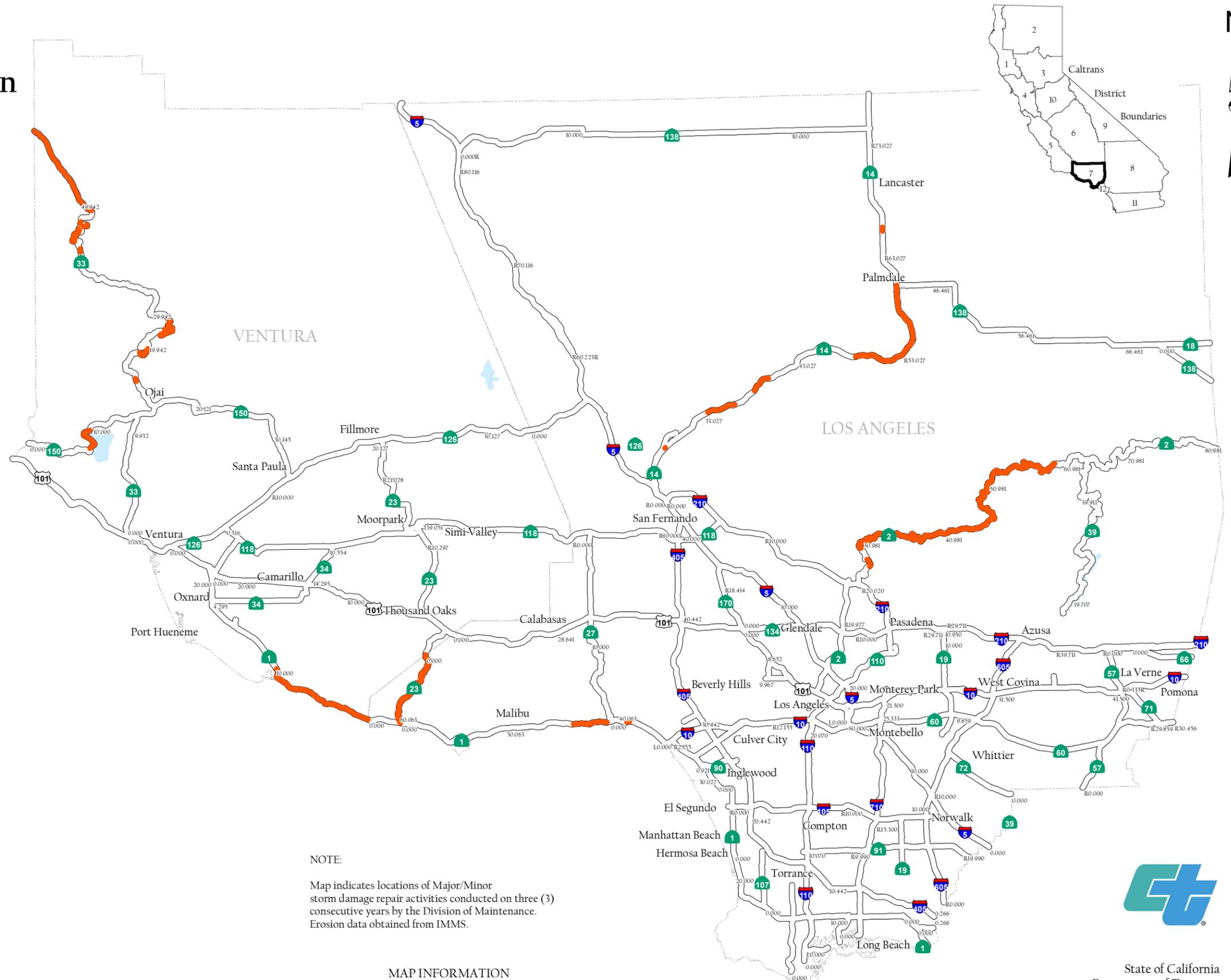
## 2013 Areas Prone to Erosion

### Legend

-  3 Yr. Consecutive Erosion
-  State Highway
-  Water Feature
-  County Boundary

### Areas Prone to Erosion

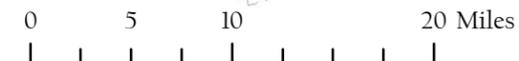
DIST	CO	ROUTE	PM1	PM2
7	LA	001	0.000	59.901
7	LA	001	9.780	62.867
7	LA	001	38.954	39.222
7	LA	001	41.029	44.024
7	LA	002	27.219	60.081
7	LA	014	33.400	35.897
7	LA	014	37.997	39.797
7	LA	014	R28.397	R28.500
7	LA	014	R48.589	R59.703
7	LA	014	R64.792	R65.196
7	VEN	033	14.192	14.501
7	VEN	033	18.231	19.461
7	VEN	033	24.153	27.669
7	VEN	033	40.949	41.262
7	VEN	033	42.567	43.773
7	VEN	033	43.873	44.372
7	VEN	033	45.521	46.020
7	VEN	033	46.619	46.819
7	VEN	033	48.516	57.500
7	VEN	150	7.000	9.601



NOTE:  
Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

### MAP INFORMATION

Projection: Albers Meters NAD 83  
Project Location: f:\gis\2013\_Erosion\_District07.mxd



State of California  
Department of Transportation  
Division of Maintenance GIS  
July 21, 2013

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## 6 Implementation

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Section 6 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. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 (where applicable):

1. Location (county, route and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil 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 Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section 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 section 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.

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Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
<b>Region 3- Central Coast Region</b>																				
1	26070	VEN, SB	101, 101	39.8; 0	43.6;2.2	3	HOV Lanes Widening	303(d): Rincon Creek, Carpinteria Creek, Pacific Ocean at Point Rincon and at Carpinteria State Beach	401	NA	NA	24.3	20.3	41.70%	SWPPP	BS 13	Dec-08	Mar-11	Sep-11	Sep-16
<b>Region 4 – Los Angeles Region</b>																				
1	27540	LA	1	0.9		4	Los Alamitos Bay Bridge Retrofit	303d: Alamitos Bay	401	404, Fish and Game, Army Corps, LAC, Coastal	NA	4.19	0.58	TBD	TBD	E	Mar-14	Jan-16	Jul-16	Jun-18
2	29380	LA	1	0	1	4	Ramp/Arterial Signalized Intersection	303d: Alamitos Bay	N	NA	NA	*	TBD	TBD	TBD	-	Sep-14	Dec-14	May-15	Apr-16
3	29080	LA	1	2.7	12.1	4	Upgrade Pedestrian Facilities	303d: Los Angeles River Reach 1, Dominguez Channel Estuary, Los Angeles/Long Beach Inner Harbor, Machado Lake	N	NA	NA	*	TBD	TBD	TBD	-	Jan-14	Mar-15	Oct-15	Sep-16
4	27370	LA	1	8.2	8.6	4	Bridge Replacement/Ramp Modification	303d: Dominguez Channel	401	NA	NA	9.6	1.7	NA	SWPPP	C	Dec-13	Jun-14	Nov-14	Apr-17
5	29970	LA	1	26.20		4	Pavement Rehabilitation, Replace Structural Cap	None	N	NA	NA	*	TBD	TBD	TBD	-	Jul-13	Oct-14	Mar-15	Jul-16
6	28780	LA	1	35.10		4	Removal/Reconstruction of OC	303d: Santa Monica Bay Offshore/Nearshore	N	NA	NA	*	TBD	TBD	TBD	-	Apr-14	Mar-15	Jun-15	Mar-16

<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> Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>6</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>7</sup> A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

<sup>8</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 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
7	3X450	LA	1	41.80	42.1	4	Repair Failed Drainage	303d: Topanga Canyon Creek, Las Tunas Beach, Santa Monica Bay Offshore/Nearshore	401	NA	NA	*	TBD	TBD	TBD	-	Jun-11	Dec-14	Apr-15	Apr-16
8	29790	LA	1	49.30	49.9	4	Replace Raised Median	Solstice Canyon Ck, 303d: Santa Monica Bay Offshore/Nearshore, Santa Monica Beach, Puerco Beach	N	NA	NA	*	TBD	TBD	TBD	-	Apr-14	Apr-15	Aug-15	Jun-16
9	2X650	VEN	1	4.5		4	Repair Structural Foundation Support	None	N	NA	NA	*	TBD	TBD	TBD	-	Mar-15	Jan-17	May-17	Jul-18
10	22820	VEN	1	22.40	26.7	4	Structure (seawall) Restoration	None	401	NA	NA	2.1	0.1	7.69%	SWPPP	-	Sep-04	May-11	Sep-12	Sep-14
11	20552	LA	2	13.80	15.1	4	Landscape and Construct Soundwalls	303d: Los Angeles River Reach 1 & 3, HR: Silverlake Reservoir	N	NA	NA	*	TBD	TBD	TBD	-	Nov-10	May-14	Oct-14	May-16
12	28430	LA	2	14.20	23.1	4	Transportation Enhancement	303d: Verdugo Wash Reach 2, Los Angeles River Reach 3	N	NA	NA	*	TBD	TBD	TBD	-	Sep-13	Apr-14	Oct-14	Jul-18
13	3X410	LA	2	32.50		4	Regrade Slope/Construct Debris Wall	303(d): Arroyo Seco Reach 2	N	NA	NA	2.5	0	0.00%	SWPPP	-	Feb-13	Jun-13	Aug-13	Jun-15
14	25902	LA	5	0		4	Construct Sand Filters	303(d): Coyote Creek	N	NA	NA	*	TBD	TBD	TBD	-	Feb-12	Dec-13	Aug-14	Jul-15
15	21592	LA	5	0	1.5	4	Roadway Widening (Seg 2)	303(d): Coyote Creek, North Fork	401	NA	NA	*	TBD	TBD	TBD	-	Jun-07	Sep-13	Jun-14	Mar-17
16	28300	LA	5	1		4	High Speed Rail	303(d):Coyote Creek	401	NA	NA	*	TBD	TBD	TBD	-	Jan-15	Mar-19	Jun-19	Jul-24
17	21591	LA	5	1.2	2.1	4	Freeway Widening/Reconstruction	303(d): North Fork Coyote Creek	401	404, WDR 200	ADL	21	7	50%	SWPPP	ID 1, BS 1, MF 2	Jun-07	Mar-11	Sep-11	Mar-16
18	2159C	LA	5	1.8	3	4	Freeway Widening	303(d): North Fork Coyote Creek	N	WDR 200	ADL	47.74	0.13	0.29%	SWPPP	BS 3	Mar-02	Jan-10	Sep-10	Nov-16
19	21593	LA	5	2.42	4.2	4	Roadway Widening	303(d): North Fork Coyote Creek	N	WDR 200, NEPA, CEQA	ADL	52.4	9.6	27.50%	SWPPP	MF 2	Jun-07	Dec-11	Jun-12	Jan-18
20	21594	LA	5	4	5.9	4	Roadway Widening (Seg 4)	303(d): San Gabriel River, North Fork Coyote Creek	N	NEPA, CEQA	NA	84.2	18.9	33.80%	SWPPP	BS 1, ID 1, D 2	Jun-07	Jan-12	Jul-12	Dec-17

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
21	21595	LA	5	5.8	7.6	4	Roadway Widening and Striping	303(d): San Gabriel River Reach 2	N	WDR 200, NEPA, CEQA	ADL	48.9	5.6	18.10%	SWPPP	BS 2, ID 1, D 1	Jun-07	Jan-13	Sep-13	Oct-18
22	27240	LA	5	14.9	16.8	4	Storm Water Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	6.7	0	0.00%	SWPPP	-	Apr-10	Sep-13	Aug-13	Nov-17
23	25840	LA	5	18.4	36.3	4	Gross Solids Removal Devices	303(d): Los Angeles River Reach 2 & 3	N	NA	NA	4.89	TBD	TBD	SWPPP	BS 7, D 2, GSRD 44	Feb-07	Jan-15	May-15	Mar-16
24	22320	LA	5	17	45	4	High Speed Rail (CHSRA)	303(d): Arroyo Seco Reach 1, Los Angeles River 2, 3, & 4, Burbank Western Channel, Tujunga Wash, Verdugo Wash Reach 1, Bull Creek, HR: Los Angeles Reservoir/Pacoima Spreading Ground	401	NA	NA	*	TBD	TBD	TBD	-	Jul-14	Feb-18	May-18	Jul-23
25	28370	LA	5	18.8	88.6	4	Transportation Enhancement	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 2, 3, 4 & 5, Burbank Western Channel, Tujunga Wash, Verdugo Wash Reach 1, Santa Clara River Reach 5 & 6, Piru Creek, Bull Creek, Castaic Lake, Pyramid Lake	401	NA	NA	*	TBD	TBD	TBD	-	Mar-15	Dec-14	Jun-15	Jan-16
26	28420	LA	5	18.2	26.7	4	Transportation Enhancement	303(d): Los Angeles River Reach 2 & 3, Arroyo Seco Reach 2, Burbank Western Channel	N	NA	NA	4.3	0	0.00%	TBD	BS 1	Jun-12	Jun-13	Jan-14	Oct-17
27	29980	LA	5	22.4		4	Washington Blvd Reconstruction	303(d): Los Angeles River Reach 2, HR: Silverlake Reservoir	N	NA	NA	*	TBD	TBD	TBD	-	May-06	Aug-13	Nov-13	May-15
28	23750	LA	5	R23.6	R23.9	4	Widen Hyperion Overcrossing	303(d): Los Angeles River Reach 3	401	WDR 200	ADL	1.5	0.1	1.96%	SWPPP	BS 1, ID 1, GSRD 1	Jul-14	Aug-15	Mar-16	Jun-19
29	12184	LA	5	26.7	29.4	4	Construction of HOV lane and Soundwalls	303(d): Los Angeles River Reach 4, Burbank Western Channel	401	FHWA, 404 Permit: Army Corps of Engineers, CEQA, WDR 200	ADL	22.24	7.7	12.10%	SWPPP	BS 5, D 2, MF 3, GSRD 3	Dec-00	Mar-09	Sep-09	Feb-15
30	1218W=12183+12182	LA	5	29.40	31.6	4	Modify Interchange & Add HOV Lane	303(d): Burbank Western Channel, Los Angeles River Reach 3	N	WDR 200	ADL	63.41	12.1	21.10%	SWPPP	MF 2	Dec-00	Feb-12	Aug-12	May-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
31	1218V= 1218U= 12181+ 25273	LA	5	31.56	36.04	4	HOV Widening/ Slab Replacement	303(d): Burbank Western Channel	N	WDR 200	ADL	35.23	5.7	6.09%	SWPPP	BS 4, GSRD 3	Dec-00	Jul-08	Mar-10	Dec-14
32	1219U= 25272+ 12190	LA	5	36	39.4	4	HOV Lane and Pavement Rehab	303(d): Tujunga Wash HR: Pacoima Spreading Ground, Branford Spreading Ground	401	404, WDR 200	ADL	82.7	24.22	24.15%	SWPPP	BS 4, ID 2, GSRD 1, MF 5	Dec-00	Dec-08	Feb-10	May-16
33	2332E	LA	5	R45.4	R59	4	Construct HOV and Truck Lane	303(d): Santa Clara River Reach 5 & 6, Bull Creek	N	NA	NA	217	87	40.00%	SWPPP	BS 37, ID 2, IT 1, GSRD 12, MF 4	Sep-09	Dec-14	Apr-15	Jun-18
34	2332A	LA	5	R46.3	R50	4	Construct Truck Lane	Santa Clara South Fork, Pico Canyon	N	WDR 200	ADL	28.5	15.62	16.90%	SWPPP	BS 4, GSRD 1	Sep-09	Jan-11	Aug-11	Dec-14
35	1X650	LA	5	R64.8	R66.1	4	Restore Freeway Alignment	303(d): Santa Clara River Reach 5	N	Agriculture, Forest, Army Corps, LAC, WDR 200	ADL	16.4	0	0.00%	SWPPP	E	Mar-07	Apr-09	Jul-09	Jun-15
36	29450	LA	5	R45.1	R55.8	4	Native Planting and Enhancements	303(d): Santa Clara River Reach 5	401	NA	NA	*	TBD	TBD	TBD	-	Feb-14	Feb-16	Jun-16	Jan-21
37	25280	LA	5	R73.2	R88.6	4	Roadway Rehabilitation and Restoration	Piru Creek, Pyramid Lake, Los Alamos Creek, Gorman Creek	N	NA	NA	122.6	0	0.00%	SWPPP	E	Oct-10	Aug-11	Sep-11	Jul-14
38	29600	LA	10	11.00	14	4	Roadside Safety Improvement Project	303(d): Ballona Creek	N	NA	NA	2.6	2.6	3.06%	SWPPP	-	Mar-15	Dec-16	Jan-17	Mar-18
39	28510	LA	10	17.2	17.5	4	Widening to Add Lanes	303(d): Los Angeles River Reach 2	N	NA	NA	1	0.85	39.50%	SWPPP	MF 1	May-11	Sep-13	Jan-14	Aug-16
40	11707	LA	10	31.2	33.2	4	Freeway Widening	303(d): San Gabriel River, Walnut Creek Wash	401	WDR 200	ADL	43.6	3.6	18%	SWPPP	BS 3	Dec-02	Jan-08	Jun-08	Aug-14
41	1170U	LA	10	33.20	37.2	4	Construct HOV Lanes and Soundwalls	303(d): Walnut Creek Wash	N	NA	NA	47	26.8	42.10%	SWPPP	BS 12, MF 1	Dec-02	Jul-12	Sep-13	Nov-18
42	28900= 11934= 1193U	LA	10	37.20	42.4	4	Pavement Rehabilitation	303(d): San Jose Creek Reach 2, Walnut Creek Wash, DW: Walnut Creek Spreading Ground	401	NA	NA	20.1	0	0.00%	SWPPP	C	Jun-11	Nov-13	Jul-14	Jul-18
43	1193U	LA	10	37.2	42.4	4	Construct HOV lane in Each Direction	303(d): San Jose Creek Reach 2, Walnut Creek Wash, DW-Walnut Creek Spreading Ground	401	NA	NA	*	TBD	TBD	TBD	-	Dec-02	Dec-13	Jan-15	Mar-19
44	28460	LA	14	24.70	77	4,6	Transportation Enhancement	303(d): Santa Clara River Reach 7, Mint Canyon Creek Reach 1, Lake Palmdale	N	NA	NA	*	TBD	TBD	TBD	-	Mar-15	Dec-14	Jun-15	Jan-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
45	29420	LA	14	28		4	LA County in the Vicinity of the Placerita Canyon Rd IC, Widen Northbound Offramp	303(d): Santa Clara River Reach 7	N	NA	NA	*	TBD	TBD	TBD	-	Jul-14	May-16	Oct-16	Apr-18
46	24080	LA	14	29.50	30	4	Modify Golden Valley Road Interchange	303(d): Santa Clara River Reach 7	N	NA	NA	2.42	0.71	19.80%	SWPPP	BS 3, ID 1, or D 1, MF 1	Sep-09	Oct-13	Apr-14	Sep-15
47	29100	LA	14	R32.1	R59.2	4, 6	ADA Infrastructure	303(d): Santa Clara River Reach 7	N	NA	NA	*	TBD	TBD	TBD	-	Dec-14	Mar-16	Sep-16	Nov-17
48	4U449	LA	14	33.20	33.7	4	Landscape Planting, Irrigation & Hardscape	303(d): Santa Clara River Reach 7	N	NA	NA	4	0.95	NA	SWPPP	BS 1	Jul-13	Nov-13	Mar-14	Jul-15
49	29760	LA	27	12.3	15	4	Street Improvement	303(d): Los Angeles River Reach 6, Topanga Canyon Creek	N	NA	NA	*	TBD	TBD	TBD	-	Feb-13	Nov-13	Feb-14	Mar-15
50	27500	VEN	33	0	6	4	Implementation of Treatment BMPs	303(d): Ventura River Reach 1 & 2, Ventura River Estuary	401	WDR 200	ADL	1.67	0.83	100%	SWPPP	ID 3, GSRD 34, MF 4	Feb-09	Jan-15	May-15	Dec-16
51	26040	LA	39	31.2		4	Scour Mitigation	North Fork San Gabriel River	401	CEQA	NA	2.68	0.25	NA	SWPPP	E	Nov-09	Jan-15	Jul-15	Oct-18
52	3X820	LA	39	21.6	21.9	4	Repair Slope Failure	HR: Morris Reservoir, San Gabriel Reservoir	N	NA	NA	*	TBD	TBD	TBD	-	Jan-14	Jun-14	Apr-14	Oct-15
53	23850=13820	LA	47	2.7	5.8	4	Alameda Corridor Truck Expressway	303(d): Los Angeles Harbor Consolidated Slip, Los Angeles/Long Beach Inner Harbor	401	Dewatering	NA	31.6	NA	NA	SWPPP	BS 3, ID 1	May-09	Apr-16	Dec-16	Mar-20
54	13820	LA	47	3.5	4.6	4	Bridge Replacement	Cerritos Channel, 303(d): Los Angeles/Long Beach Inner Harbor	401	Dewatering	NA	29	1.3	5.93%	SWPPP	BS 3	May-09	Jul-10	Jan-11	Oct-16
55	29020	LA	60	4.4	11	4	Construct Light Rail Transit	303(d): Rio Hondo Reach 1, Legg Lake, San Gabriel River Reach 3	401	NA	NA	*	TBD	TBD	TBD	-	May-13	Nov-15	Aug-15	Feb-18
56	3X710	LA	60	7.70		4	Realign Ramp & Approaches to New Bridge	303(d): San Gabriel River Reach 3	NA	NA	NA	*	TBD	TBD	TBD	-	Jul-12	Jan-14	Jun-14	Sep-15
57	28690	LA	60	11.6	R23.6	4	Roadway Rehabilitation and Restoration	Diamond Bar Creek, 303(d): San Jose Creek Reach 1	N	NA	NA	5.9	0	0.00%	SWPPP	D 2	Oct-10	Aug-11	Sep-11	Oct-14
58	4H900	LA	60	20.6		4	Widen Offramp	303(d): San Jose Creek Reach 2	N	NA	NA	2	0.19	22.89%	SWPPP	BS 1, GSRD 1	Oct-02	Jun-13	Sep-13	Sep-14
59	22410	LA	60	R21.5	R23.0	4	Construct New Interchange	303(d): San Jose Creek Reach 1, San Gabriel River Reach 3	401	NA	NA	4.45	2.02	9.95%	SWPPP	MF 2	Oct-10	Dec-13	Aug-14	Oct-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
60	25510	LA	60	R23.87	R24.48	4	Ramp Improvement	Diamond Bar Creek, 303(d): San Jose Creek Reach 1	401	NA	NA	4.9	1.4	NA	SWPPP	BS 1	Sep-11	Dec-13	May-14	Sep-15
61	21060	LA	71	0.50	4.8	4	Widening & Construct HOV Lane	303(d): San Jose Creek Reach 2, Chino Creek Reach 2	401	NA	NA	79.2	24.1	27.48%	SWPPP	BS 27, D 1, MF 3	May-13	Sep-25	Feb-26	Nov-28
62	25910	LA	90	1	3.5	4	Implementation of Permanent Stormwater Treatment BMPs	303(d): Ballona Creek	N	NA	NA	1.05	0.27	100%	SWPPP	BS 1, MF 5	Apr-08	Mar-12	Aug-12	Jan-15
63	29010	LA	91	4	11	4	Concrete Barrier and Reconstruct MBGR	303(d): Compton Creek, Los Angeles River Reach 2	N	NA	NA	4.9	0.25	4.10%	SWPPP	BS 8	Apr-12	Aug-14	Feb-15	Dec-16
64	4T630	LA	91	R7.0		4	Drainage System Restoration	303(d): Dominguez Channel Estuary, Compton Creek	NA	NA	NA	*	TBD	TBD	TBD	-	Jul-13	Oct-15	Feb-16	Nov-16
65	2X920	LA	91	9.70	11.7	4	Permanent Slope Restoration	303(d): Compton Creek, Los Angeles River Reach 2	N	NA	NA	4.28	0.79	100%	SWPPP	-	Dec-10	Feb-12	Mar-12	Feb-15
66	29810	LA	91	13.40	19.6	4	Add One Lane on Main Line	San Gabriel River Reach 1, Los Angeles River Reach 2	N	NA	NA	*	TBD	TBD	TBD	-	May-14	May-17	Jul-17	Jan-21
67	29460	LA	101	0	1.4	4	Roadside Safety Improvements	303(d): Los Angeles River Reach 2	N	NA	NA	1.75	0.5	1.16%	SWPPP	BS 2	Sep-13	Apr-15	May-15	Aug-16
68	28270	LA	101	S0.0	25.9	4	Install MBGR	303(d): Los Angeles River Reach 3, 4, 5 & 6, Ballona Creek	N	NA	NA	3	2	NA	SWPPP	BS 5	Sep-11	Nov-14	Jun-15	Apr-17
69	25120	LA	101	S0.2		4	Bridge Replacement	303(d): Los Angeles River Reach 2	401	NA	NA	9.43	0.22	35.27	SWPPP	GSRD 2	Dec-11	Oct-15	Feb-16	Sep-18
70	28380	LA	101	1.8	15.6	4	Transportation Enhancement	303(d): Los Angeles River Reach 4, Tujunga Wash,	N	NA	NA	2.14	0	0.00%	SWPPP	BS 4	Feb-13	Sep-14	Mar-15	May-20
71	20190	LA	101	4.5		4	Widen Street	None	N	NA	NA	*	TBD	TBD	TBD	-	Dec-13	Feb-15	Aug-15	Sep-16
72	29210	LA	101	11.4	11.8	4	Roadside Safety Improvement	303(d): Los Angeles River Reach 4	N	NA	NA	1.6	1.3	3.57%	SWPPP	BS 2	Apr-13	Apr-15	Jun-15	Jun-19
73	28980	LA	101	11.4	12.8	4	Interchange Improvement, FWY Widening to Add Lanes	303(d): Los Angeles River Reach 4	401	NA	NA	*	TBD	TBD	TBD	-	Jul-14	May-16	Oct-16	Apr-18
74	29990	LA	101	31.30		4	Construct 8-Ft Wide Mixed-Use Trail	303(d): Las Virgenes Creek	401	NA	NA	*	TBD	TBD	TBD	-	Jun-13	Dec-13	Apr-14	Dec-14
75	24230	LA	101	31.9	32.3	4	Modify Interchange	303(d): Las Virgenes Creek	N	NA	NA	18.88	1.03	NA	SWPPP	BS 4, GSRD 3, MF 2	Jun-13	Mar-14	Oct-14	Mar-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
76	25720	LA	101	33.0	34.4	4	Interchange Improvements	Chesebro Creek, 303(d): Malibu Creek	N	NA	NA	4.37	1.33	NA	SWPPP	BS 6, GSRD 2, MF 3	Nov-12	Feb-15	Oct-15	Aug-16
77	12038	VEN	101	7.70	8.2	4	Interchange Project	303(d): Calleguas Creek Reach 13	N	NA	NA	11.76	1.43	32.27%	SWPPP	BS 3	Jun-10	Aug-11	Nov-11	Oct-14
78	27600	VEN	101	14	21	4	Trash TMDL Implementation Project	303(d): Calleguas Creek Reach 4	N	NA	NA	1.27	0.42	100%	SWPPP	ID 2, GSRD 15, MF 3	Apr-09	Jul-14	Mar-15	Sep-16
79	21070	VEN	101	29.9	30.0	4	Off-Ramp Modification	303(d): Ventura River Reach 1 & 2, Promenade Park Beach, Surfers Point @ Seaside, San Buenaventura Beach	N	NA	NA	*	TBD	TBD	TBD	-	Sep-12	Mar-14	Feb-14	Jul-15
80	24060	LA	105	14.10	14.6	4	Groundwater Piping	303(d): Los Angeles River Reach 2, San Gabriel River Reach 1	N	NA	NA	*	TBD	TBD	TBD	-	Dec-13	Jun-15	May-16	Jul-17
81	26480	LA	110	2.5	3.0	4	Interchange Improvement	303(d): Los Angeles/Long Beach Inner Harbor	N	NA	NA	14.6	-2.98	-27.11%	SWPPP	BS 1	Jun-12	Mar-13	Jun-13	Dec-15
82	29590	LA	110	17.80	20	4	Roadside Safety Improvement Project	303(d): Los Angeles River Reach 2	NA	NA	NA	1.45	1.45	100%	SWPPP	-	Mar-15	Dec-16	Jan-17	Mar-18
83	27800	LA	110	20.1	20.2	4	A Direct HOV Off-ramp Connector	303(d): Ballona Creek	N	NA	NA	3.72	1.5	18.07%	SWPPP	-	Dec-14	Mar-14	Nov-17	Jul-19
84	2411U	LA	110	21.2	22.8	4	Mainline and Ramp Widening	303(d): Ballona Creek	N	NA	NA	11.6	3.14	50.89%	SWPPP	BS 1	Mar-05	Mar-09	Aug-09	Oct-14
85	2759U	LA	110	23.5R	23.9R	4	Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	5.9	0.7	16.28%	SWPPP	-	Aug-12	Aug-13	Sep-13	Dec-15
86	2844U	LA	110	25.7	28.1	4	Construct Bicycle/Pedestrian Trail	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 3	N	NA	NA	*	TBD	TBD	TBD	-	Jan-14	Oct-14	Dec-14	May-16
87	23380	LA	110	31.10	31.9	4	Fair Oaks Ave Interchange Improvements	303(d): Arroyo Seco Reach 1 & 2	N	WDR 200	ADL	3.6	NA	NA	SWPPP	-	Aug-04	Oct-14	May-15	Apr-16
88	2770U=27700+27740	LA	118	11.50	13.7	4	Source Control	Pacoima Wash 303(d): Tujunga Wash	N	NA	NA	30.3	1.4	3.46%	SWPPP	-	May-11	Aug-12	Sep-12	Oct-16
89	28160	VEN	118	15.90	16.5	4	Road Widening	303(d): Calleguas Creek Reach 6	401	NA	NA	*	TBD	TBD	TBD	-	Aug-13	Mar-14	Jul-14	Dec-15
90	18722	LA	126	R4.2	R5.7	4	Interchange Improvements	Castaic Creek, 303(d): Santa Clara River Reach 5	401	NA	NA	67.8	20.5	15.70%	SWPPP	BS 11, D 3	Jun-07	Mar-10	Sep-12	Nov-14
91	18702	LA	126	R5.9	R7.1	4	Realign, Widen Magic Mountain Parkway	303(d): Santa Clara River Reach 5 & 6	401	NA	NA	*	TBD	TBD	TBD	-	Sep-00	Apr-14	Dec-14	Jun-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
92	27360	VEN	126	R13.14	20.11	4	Safety Project To Install Concrete Barrier	303(d): Santa Clara River Reach 3	401	NA	NA	10.07	8.47	1.88%	SWPPP	ID 1, D 1, MF 1	Sep-14	Aug-16	Mar-17	May-19
93	26610	LA	134	0.00	13.3	4	Install MBGR	303(d): Los Angeles River Reach 3 & 4, Arroyo Seco Reach 2	N	NA	NA	1.81	1.4953	0.00%	SWPPP	-	Feb-11	Apr-12	Aug-12	Aug-15
94	26030	LA	134	0.9	2.9	4	Construction of Soundwalls	303(d): Los Angeles River Reach 4	N	NA	NA	1.5	0.32	5.08%	SWPPP	BS 2	Dec-02	Feb-10	Apr-96	Oct-15
95	28720	LA	134	1.6	2.7	4	Storm Water Source Control	303(d): Los Angeles River Reach 4	N	NA	NA	5.7	1.1	5.02%	SWPPP	BS 2	Apr-13	May-14	Aug-14	Aug-18
96	4L570	VEN	150	28.60	28.7	4	Concreted Rock Weir Channel Stabilizer	303(d): Sespe Creek, Santa Clara River Reach 3	401	NA	NA	1.132	0.429	100%	SWPPP	E	Sep-07	Mar-10	Aug-10	Apr-15
97	2769U=27690+27720	LA	170	17.70	20.3	4	Source Control	303(d): Central Basin Wash, HR: Tujunga Spreading Grounds	N	NA	NA	39.9	0.97	2.01%	SWPPP	BS 1	Apr-11	Aug-12	Sep-12	Feb-17
98	28540	LA	187	7.7	8	4	Highway Widening	303(d): Ballona Creek	N	NA	NA	2.45	0.32	3.93%	SWPPP	-	Feb-12	May-13	Aug-13	Dec-14
99	2768U=27680+27710	LA	210	0.80	4.9	4	Source Control	Stetson Channel, Wilson Canyon Creek, Pacoima Wash, 303(d): Bull Creek HR:: Lopez Spreading Ground	N	NA	NA	18	3.2	10.74%	SWPPP	-	Aug-11	Jun-13	Jul-13	Oct-17
100	28800	LA	210	R9.7	R16.1	4	Resurfacing, Restoration, and Rehabilitation (3R) Project	303(d): Burbank Western Channel, Verdugo Wash Reach 2	N	NA	NA	1	0.8	0.71%	SWPPP	-	Sep-11	Mar-13	Jul-13	Apr-16
101	28801	LA	210	R9.7	R16.1	4	Roadway Rehabilitation	303(d): Burbank Western Channel, Verdugo Wash Reach 2	N	NA	NA	*	TBD	TBD	TBD	-	Sep-11	Mar-13	Jul-13	Apr-16
102	28802	LA	210	R9.7	R16.1	4	Roadway Rehabilitation	303(d): Burbank Western Channel, Verdugo Wash Reach 2	N	NA	NA	*	TBD	TBD	TBD	-	Sep-11	Jun-14	Nov-14	Jun-15
103	25893	LA	210	R15	R36	4	Construction of Stormwater Treatment BMPs	Rubio Wash, Eaton Wash, Arcadia Wash, Rio Hondo Wash, 303(d): Verdugo Wash Reach 2, Sawpit Wash, Arroyo Seco Reach 1 HR: Devil's Gate Dam	N	NA	NA	7.2	1.8	100%	SWPPP	BS 7, ID 2, MF 10	Apr-08	May-12	Sep-12	Jul-15
104	29520	LA	210	15.60	18.1	4	Roadside Safety Improvement Project	303(d): Verdugo Wash Reach 2	NA	NA	NA	1.2	1	1.29%	SWPPP	BS 4	Mar-15	Dec-16	Jan-17	Mar-18
105	28810	LA	210	R16.1	R20.7	4	Resurfacing, Restoration, and Rehabilitation (3R) Project	303(d): Arroyo Seco Reach 2, Verdugo Wash Reach 2,	N	NA	NA	54	0.8	0.88%	SWPPP	BS 9, IT 1	Sep-13	Oct-13	Mar-14	Jul-15

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No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
106	27860	LA	210	20.80	21.5	4	Soundwall Construction	303(d): Arroyo Seco Reach 2, Sawpit Creek	N	NA	NA	*	TBD	TBD	TBD	-	Jul-13	Aug-13	Apr-96	Jul-14
107	23290	LA	210	R25.3	R32.2	4	Construct Soundwalls	303(d): Sawpit Creek	N	NA	NA	4.4	1.8	NA	SWPPP	MF 1, BS 5	May-13	Jan-14	Aug-14	Jan-19
108	28390	LA	210	25.4	28.7	4	Transportation Enhancement	303(d): Arroyo Seco Reach 2	N	NA	NA	*	TBD	TBD	TBD	-	Sep-13	Jun-14	Oct-14	Jul-18
109	29400	LA	210	29.00	38	4	Light Rail Transit	Eaton Wash, Arcadia Wash, Santa Anita Wash, 303(d): Sawpit Creek, Santa Fe Dam Park Lake	401	NA	NA	5.2	31.7	52.40%	SWPPP	-	Jan-11	Dec-14	Mar-15	Dec-16
110	2487U	LA	210	31.46		4	Construct Light Rail Transit Track	Arcadia Wash and Santa Anita Wash	N	NA	NA	1.86	0.32	0.78%	SWPPP	-	Jan-11	Jul-11	Nov-11	Dec-15
111	28730	LA	210	39.8	41.9	4	Storm Water Source Control	303(d): Walnut Creek Wash	N	NA	NA	15	1.5	3.31%	SWPPP	BS 8	Apr-13	May-14	Jul-14	Aug-18
112	4Y700	LA	405	8.7		4	Full Removal & Paint Steel Girders	303(d): Dominguez Channel Estuary, Los Angeles River Reach 1, Torrance Carson Channel	401	NA	NA	*	TBD	TBD	TBD	-	Nov-10	Feb-15	Feb-15	Feb-18
113	28740	LA	405	8.7	11.2	4	Install Concrete Barrier and MBGR	303(d): Dominguez Channel Estuary	N	NA	NA	1.8	0.2	16.67%	SWPPP	BS 2	Sep-11	Aug-15	Mar-16	Jul-17
114	23400	LA	405	9.3	9.89	4	Interchange Improvement	303(d): Dominguez Channel, Dominguez Channel Estuary (Unlined Portion Vermont)	401	NA	NA	8	1.4	25.93%	SWPPP	BS 2, MF 1	May-10	Jun-13	Jan-13	Sep-16
115	23390	LA	405	10.8	11.4	4	Interchange Modification	303(d): Dominguez Channel, Dominguez Channel Estuary (Unlined Portion Vermont)	N	NA	NA	13.6	1.4	17.07%	SWPPP	BS 1	Jul-09	Nov-09	Aug-10	Jun-15
116	29000	LA	405	12.6	21.2	4	Install Concrete Barrier and Upgrade MBGR	303(d): Dominguez Channel, Dominguez Channel Estuary	N	NA	NA	1.61	0.1	15.38%	SWPPP	BS 2	May-12	Dec-14	Jun-15	Jul-18
117	24130	LA	405	24.6	25.8	4	Add Auxiliary Lane	303(d): Ballona Creek	401	WDR 200	ADL	4.12	1.178	5.99%	SWPPP	-	Apr-05	Dec-09	Sep-10	Jul-14
118	12030	LA	405	28.8	39	4	Add HOV Lanes/Widening	303(d): Ballona Creek, Los Angeles River Reach 4	401	1600, 404, 2080 Fish and Game	NA	120.68	44.86	23.29%	SWPPP	BS 4, ID 3, MF 14	Feb-08	Jul-14	Jan-09	Dec-14
119	29850	LA	405	33	35.5	4	Reconfigure Ramps	303(d): Ballona Creek, Los Angeles River Reach 4	N	NA	NA	*	TBD	TBD	TBD	-	Apr-14	Jun-15	Dec-15	Apr-17

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
120	28570	LA	405	31.54	31.6	4	Rail Improvements	Westwood Channel, 303(d): Ballona Creek	N	LA MS4 Permit No CAS004001	NA	1.68	0.07	22.60%	SWPPP	ID 1	Feb-15	Sep-18	Jan-18	Oct-17
121	22460	LA	405	46.3	47.8	4	Soundwalls	Pacoima Wash	N	NA	NA	6.8	0.6	33.33%	SWPPP	MF 2	Nov-02	Mar-10	Sep-10	Sep-15
122	25050	LA	605	0.1	R16.6	4	MBGR and Concrete Railing at Various Locations	303(d): Coyote Creek, San Gabriel River Estuary, El Dorado Lakes, San Gabriel River Reach 1 & 2	N	NEPA, CEQA	NA	1.47	0	0.00%	SWPPP	E	Jan-11	Jan-12	Jun-12	Oct-14
123	23310	LA	605	11.4	13.9	4	Noise Abatement/Sound Barriers	303(d): San Gabriel River Reach 2	N	NA	NA	13.6	2	6.80%	SWPPP	BS 6, GSRD 1	Oct-03	Apr-10	Oct-10	Nov-14
124	28860	LA	710	3.6	6	4	Bridge Replacement	303(d): Los Angeles River, Back Channel, Channel No.3, and East Basin of Long Beach Harbor	401	NA	NA	*	TBD	TBD	TBD	-	Oct-10	Dec-16	Aug-12	Jun-16
125	22830	LA	710	3.7	5.8	4	I-710 South Expansion	303(d): Los Angeles River Reach 1, Los Angeles River Estuary, Los Angeles/Long Beach Inner Harbor	401	NA	NA	37.76	11.47	31.77%	SWPPP	BS 2, MF 6	Oct-10	Sep-13	Feb-14	Mar-16
126	24990	LA	710	4.90	24.9	4	I-710 South Expansion	303(d): Compton Creek, Los Angeles River Reach 1 & 2, Rio Hondo Reach 1 HR: Dominguez Gap, Spreading Ground	401	NA	NA	*	TBD	TBD	TBD	-	Jan-14	Dec-17	Jun-18	Apr-20
127	29800	LA	710	4.90	24.9	4	Soundwall	303(d): Compton Creek, Los Angeles River Reach 1 & 2, Rio Hondo Reach 1 HR: Dominguez Gap, Spreading Ground	N	NA	NA	*	TBD	TBD	TBD	-	Dec-13	Jul-15	Mar-16	Aug-18
128	29820	LA	710	5.8R	15.5R	4	Widen by Adding One Lane	303(d): Los Angeles River Reach 1 & 2, HR: Dominguez Gap, Spreading Ground	N	NA	NA	*	TBD	TBD	TBD	-	Apr-14	Mar-17	Jul-17	Oct-20
129	27300	LA	710	6	6.4	4	Shoemaker Bridge Replacement	303(d): Los Angeles River Reach 1	401	NA	NA	3.9	2.1	29%	SWPPP	BS 1, D 1, GSRD 2, MF 1	Feb-14	Feb-16	Sep-16	Jul-19
130	23640	LA	710	6.1	6.8	4	Highway Planting Restoration	303(d): Los Angeles River Reach 1	N	NA	NA	*	TBD	TBD	TBD	-	Feb-03	Aug-14	Feb-15	Sep-16

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
131	25901	LA	710	6.7	R15.9	4	Construction of Storm Water Treatment BMPs	303(d): Los Angeles River Reach 1 and 2, Dominguez Channel, HR: Dominguez Gap Spreading Ground	N	NA	NA	2.68	0.91	100%	SWPPP	BS 12, MF 2	Feb-12	Apr-13	Sep-13	Sep-14
132	18312	LA	710	9.4	18.4	4	Landscape	303(d): Compton Creek, Los Angeles River Reach 1 and 2, Rio Hondo Reach 1, HR: Dominguez Gap Spreading Ground	N	NA	NA	*	TBD	TBD	TBD	-	Oct-97	Nov-13	Feb-14	Jul-16
133	20211=20210	LA	710	17.20	26.4	4	Pavement Rehabilitation	303(d): Los Angeles River Reach 2	401	NA	NA	22.5	4.02	4.87%	SWPPP	BS 19, D 1, GSRD 4	Sep-10	Apr-11	Sep-11	Sep-15
134	27870	LA	710	18.00	18.5	4	Interchange Improvement	303(d): Los Angeles River Reach 2	401	NA	NA	2.3	0.8	13.56%	SWPPP	BS 1	Feb-11	Mar-16	Jul-16	Oct-17
135	20212=20210	LA	710	21.90	23.1	4	Long Life Pavement and Widen Bridges	303(d): Los Angeles River Reach 2	N	NA	NA	*	TBD	TBD	TBD	-	May-10	Feb-14	Jul-14	Jan-18
136	17970	LA	710	26.5	27.4	4	Highway Planting	303(d): Los Angeles River Reach 2	N	NA	NA	10.3	NA	NA	SWPPP	-	Sep-01	Feb-08	Aug-08	Feb-15
137	28670	LA	1, 91, 105, 110, 405	VAR		4	TMDL Implementation Project	303(d): Dominguez Channel, Dominguez Channel Estuary	N	NA	NA	8.32	3.37	100%	SWPPP	BS 57, ID 1, D 1, GSRD 8, MF 23	Aug-11	May-17	Jan-18	Apr-21
138	29220	LA	2; 134	R17.8;8.6	R19.5;9.6	4	Roadside Safety Improvements	303(d): Verdugo Wash Reach 2	N	NA	NA	1.62	1.27	2.70%	SWPPP	BS 2	May-13	Apr-15	Jul-15	Jul-19
139	25262	LA	5; 5S	R45.4;C46.1	R59;C46.3	4	Roadway Rehabilitation	303(d): Santa Clara, Santa Clara River Reach 5 & 6, Bull Creek, Castaic Creek, South Fork	N	NA	NA	126.5	0	0.00%	SWPPP	-	Sep-11	Jul-14	Jan-15	Mar-16
140	16800	LA	5; 14	R44.2; 25.0	R46.0;26.3	4	Construct HOV Lanes and Connectors	Weldon Canyon, 303(d): Los Angeles River Reach 5 & 6	401	WDR 200	ADL	25.03	NA	NA	SWPPP	BS 2, GSRD 4	May-01	Dec-06	Aug-07	Mar-15
141	2777U=27750+27760+27770	LA	5; 134	25.2;4.81	27.5;R5.91	4	Erosion Control	303(d): Los Angeles River Reach 3	N	NA	NA	40	1.42	2.33%	SWPPP	BS 1	Jul-11	Jul-13	Aug-13	Nov-15
142	25660	LA	5, 10, 47, 90, 101, 110,0.405	Var		4	Conversion of High Voltage Series Circuits with Low Voltage Multiple Circuits	303(d): Ballona Creek, Los Angeles River, Santa Monica Bay, Dominguez Channel	N	NA	NA	8.82	TBD	TBD	SWPPP	E	Jul-14	Jun-15	Dec-15	Feb-17
143	24540	LA	10, 605	31.1; R20.0	32.3; R20.6	4	Construct New Connector	303(d): San Gabriel River, Walnut Creek Wash	401	NA	NA	5.78	2.93	11.91%	SWPPP	BS 2, D 2, GSRD 2	Mar-09	Aug-11	Nov-11	Jun-15

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
144	27980	LA	10,710	20.6;26.2	21.4;26.6	4	Roadside Safety Improvement	303(d): Los Angeles River Reach 2	N	NA	NA	5.24	3.25	NA	SWPPP	BS 2	Jan-96	Sep-11	Nov-11	Jul-14
145	13820	LA	47, 103	3.5;0.0	4.6;1.1	4	Bridge Replacement	Cerritos Channel, 303(d): Los Angeles/Long Beach Inner Harbor	401	NA	NA	29	1.3	5.90%	SWPPP	BS 3	May-09	Jul-10	Jan-11	Oct-16
146	27910	LA	57; 60	R4.3; R23.3	R4.8;R26.5	4	Interchange Improvement	303(d): San Jose Creek Reach 1	401	NA	NA	42.1	12.9	25.09%	SWPPP	BS 3, ID 1, GSRD 1, MF 1	Sep-13	Jun-15	Jan-13	Oct-18
147	1952U	VEN	101, 23	0.1;3.3	4.5;3.8	4	Interchange Improvement	303(d):Westlake Lake, Calleguas Creek Reach 13	N	NA	NA	6.6	1.9	1.77%	SWPPP	BS 11	Feb-05	Apr-13	Sep-13	Jul-16
148	28150	LA,VEN	101	29.26;0	38.19;1.21	4	Stormwater Mitigation	303(d): Las Virgenes Creek, Stokes Creek, Lindero Creek Reach 2	N	NA	NA	8.11	2.96	100%	SWPPP	BS 30, MF 18, GSRD 22	Oct-10	Sep-13	Feb-15	Jan-18
149	26070	VEN, SB	101, 101	39.8; 0	43.6;2.2	3, 4	HOV Lanes Widening	303(d): Carpinteria Creek, Pacific Ocean @ Carpinteria State Beach, Rincon Creek, Pacific Ocean @ Point Rincon, Rincon Beach	401	NA	NA	24.3	20.3	41.77%	SWPPP	BS 13	Dec-08	Mar-11	Sep-11	Sep-16
150	29370	LA	110;405	8;12.2	9.0;13.2	4	Construct Auxiliary Lane with Flyover Connector	303(d): Dominguez Channel Estuary	401	NA	NA	4.54	3.94	656%	SWPPP	BS 4, GSRD 1, MF 2	Oct-14	Jan-16	Nov-17	Jul-18
151	26060	LA	110;47	0.92;0.0	2.02;0.72	4	Interchange Improvement	303(d): Los Angeles/Long Beach Inner Harbor,	N	NA	NA	14.66	1.54	6.46%	SWPPP	BS 5	Aug-12	Jan-13	Apr-13	Jan-16
152	23280	LA	170, 405	14.7; 42.9	18.3; 43.1	4	Soundwall Construction	303(d): Los Angeles River Reach 4	N	NA	NA	7.95	1.4	1.74%	SWPPP	BS 7, MF1	Jun-03	Jul-13	Oct-13	Sep-16
153	29640	LA	5,10,60	16.1.18.1,0.4	17.0,18.4,1.0	4	Roadside Safety Improvement Project	303(d): Los Angeles River Reach 2	N	NA	NA	8	5	8.93%	SWPPP	BS 1	Mar-15	Dec-16	Jan-17	Mar-18
<b>Region 5F – Central Valley Region</b>																				
None																				
<b>Region 6 – Lahontan Region</b>																				
1	29100	LA	14	R32.1	R59.2	4, 6	ADA Infrastructure	303(d): Santa Clara River Reach 7	N	NA	NA	*	TBD	TBD	TBD	-	Feb-14	Mar-16	Aug-16	Nov-17
2	28460	LA	14	24.70	77	4,6	Transportation Enhancement	303(d): Santa Clara River Reach 7, Mint Canyon Creek Reach 1, Lake Palmdale	N	NA	NA	*	TBD	TBD	TBD	-	Mar-15	Dec-14	Jun-15	Jan-16
3	28360	LA	14	24.8	24.8	4	High Speed Rail	303(d): Bull Creek, Aliso Canyon Wash	401	NA	NA	*	TBD	TBD	TBD	-	Apr-14	Nov-17	Feb-18	Apr-23
4	28450	LA	14	56.50	57	6	Transportation Enhancement	Lake Palmdale, Piute Ponds	NA	NA	NA	2	0	0.00%	TBD	-	Jun-12	Oct-13	Mar-14	May-18

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	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>	Other Regional Water Board Permits Required <sup>5</sup>	Potential and Actual Impacts of Project's Discharge <sup>6</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>7</sup>	Post-Construction Treatment Control Type, Quantity <sup>8</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date (m/yr)	PS&E Date (m/yr)	Start Date (m/yr)	End Date (m/yr)
5	2600U	LA	138	42.40	74.9	6	Construct Freeway and Expressway	California Aqueduct-DW	N	NA	NA	*	TBD	TBD	TBD	-	Apr-15	Jun-17	Feb-18	Oct-22
6	28600	LA	138	53.2	54.2	6	Widen Conventional Highway (Seg 4)	none	NA	NA	NA	*	TBD	TBD	TBD	-	Mar-01	Nov-16	Jun-17	Mar-19
7	28620	LA	138	55.2	56.2	6	Widen Conventional Highway (Seg 6)	California Aqueduct-DW	NA	NA	NA	*	TBD	TBD	TBD	-	Mar-01	Sep-15	Apr-16	Nov-17
8	29350	LA	138	58.5	60.2	6	Widen (seg 9) From 2 to 4 Lane with Median	none	NA	NA	NA	*	TBD	TBD	TBD	-	Mar-01	Sep-14	Apr-15	Nov-16
9	28630	LA	138	66	70	6	Widen Conventional Highway (Seg 13)	none	N	NA	NA	*	TBD	TBD	TBD	-	Mar-01	Sep-15	Apr-16	Feb-19
10	26560	LA	138	69.3	74.9	6	Widen Roadway and Pave Shoulders	Mescal Creek, Le Montaine Creek, California Aqueduct-DW	N	NA	NA	23.66	8.07	43.15%	SWPPP	-	Jun-13	Mar-14	Sep-14	Nov-16

<b>Treatment Control Status Legend</b>	
<b>BMP Device Types:</b>	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
E	Exempt
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices – Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins
*	Disturbed Area not available at this time
Blank	1) Treatment BMPs have been considered, but cannot be incorporated or 2) No SWDR at this time

Table 6-2 lists planned maintenance activities that disturb soil and involve water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

*Table 6-2: District 7 Anticipated Maintenance Activities and Other Management Practices*

Significant Road Maintenance Activities															
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>9</sup>	Other Regional Water Board Permits Required <sup>10</sup>	Potential and Actual Impacts of Project's Discharge <sup>11</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) <sup>12</sup>	Post-Construction Treatment Control Type, Quantity <sup>13</sup>	Start Date	Completion Date
1	LA	VARIOUS	VARIOUS	4	Maintain full capture trash devices per trash TMDLs as passed on to maintenance.	Los Angeles River, Ballona Creek, San Gabriel River	NPDES	Less discharge Of pollutants	NA	NA	NA	NA	NA	7/14	06/15
2	LA	001	35.1-62.8	4	Crack sealing,	Pacific Ocean	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
3	LA	002	2.3-22.8	4	Shoulder grading, slab repair, paving drain cleaning,	Los Angeles River, San Gabriel River, Tujunga Wash, Bull Creek, Santa Clara River, Bull Creek, Pyramid Lake									
4	LA	005	0.0-88.6	4	Sweeping, litter removal, slide removal, Winter operations.	Ballona Creek, Los Angeles River, San Gabriel River									
		010	2.0-46.2	4	Guardrail and fence repair Maintain STBMPs										
5	LA	014	0.0-77.0	4, 6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal slide removal, Winter operations. guardrail and fence repair	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River, Ana Verde Wash, Amargosa Wash, California Aqueduct	NPDES	-	TBD	NA	NA	NA	NA	7/14	06/15
6	LA	057	0.0-5.9	4	Crack sealing, slab repair, paving, drain cleaning, sweeping, litter removal, graffiti removal.	Walnut Creek, San Jose Creek, San Gabriel River, Los Angeles River.	NPDES	-	TBD	NA	NA	NA	NA	7/14	06/15
7	LA	060	0.0-30.4	4	Guardrail and fence repair Maintain STBMPs										

<sup>9</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."

<sup>10</sup> Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>11</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>12</sup> A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.

<sup>13</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 6-2: District 7 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities															
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>9</sup>	Other Regional Water Board Permits Required <sup>10</sup>	Potential and Actual Impacts of Project's Discharge <sup>11</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) <sup>12</sup>	Post-Construction Treatment Control Type, Quantity <sup>13</sup>	Start Date	Completion Date
8	LA	101	0.0-38.1	4	Crack sealing, paving, sweeping, litter removal, drain cleaning, and graffiti removal.	Los Angeles River, Tujunga Wash.	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
9	LA	105	0.0-24.0	4	Guardrail and fence repair Maintain STBMPs.	Los Angeles River, Ballona Creek, Dominguez Channel, Compton Creek	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
10	LA	110	0.0-33.1	4		Los Angeles River, Dominguez Channel, Compton Creek.									
11	LA	118	0.0-23.1	4	Crack sealing, paving, sweeping, litter removal, shoulder grading. Maintain STBMPs	Los Angeles River.	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
12	VEN	101	0.0-32.6	4	Crack sealing, paving, sweeping, litter removal, drain cleaning  Maintain STBMPs, , guardrail and fence repair  Shoulder grading, basin, culvert and drop inlet cleaning.  Shoulder grading, basin, culvert and drop inlet cleaning.	Santa Clara River, Ventura River,	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
13	VEN	126	0.0-32.6	4		Franklin Barranca, Wesson Bar, Ellsworth Bar, Todd Bar, Haines Bar, Adams Bar, Santa Paula Creek, Haun Creek, O'leary Creek, Lord Creek, Sespe Creek, Pole Creek, Fall Creek, Hopper Creek, Piru Creek, Camulos Creek, Santa Clara River.									
14	VEN	150	18.5-32.3	4		San Antonio Creek, Thacher creek, Lyon Cyn Creek, Sycamore Creek, Sisar Creek, Santa Paula Creek.									
15	LA	126	0.0-6.4	4	Shoulder grading, basin and culvert cleaning, slide removal.	Santa Clara River.	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	07/14	06/15
16	LA	210	0.0-52.0	4	Crack sealing, slab repair, paving, sweeping, litter removal, graffiti removal, guardrail and fence repair, drain cleaning  Maintain STBMPs	Bull Creek, Tujunga Wash, San Gabriel River, Santa Fe flood basin.	NPDES	Maintenance activities are performed to prevent any or very minimal discharge of pollutants from project site.	TBD	NA	NA	NA	NA	7/14	06/15
17	LA	605	0.0-26.0	4		Coyote Creek, San Gabriel River, San Jose Creek, Walnut Creek, Santa Fe flood basin.									
18	LA	710	0.0-27.4	4		Pacific Ocean, Dominguez Channel, Los Angeles River, Laguna Channel									

<b>Treatment Control Status Legend</b>	
<b>BMP Device Types:</b>	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
E	Exempt
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices – Water quality volume infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins
*	Disturbed Area not available at this time
Blank	1) Treatment BMPs have been considered, but cannot be incorporated or 2) No SWDR at this time

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Table 6-3 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 6-3: District 7 General Management Practices**

<b>Monitoring Activities</b>						
As part of the maintenance monitoring program, under the direction of the Maintenance Stormwater Coordinator, District 7 inspects all of its maintenance facilities. Likewise, Caltrans maintains a Facility Pollution Prevention Plan (FPPP) for each of its maintenance facilities. Maintenance facility housekeeping items continues to be the BMP with the most corrective items. Another monitoring activity is the Drain Inlet Cleanup Program and Monitoring.						
<b>Public Education and Participation</b>						
District 7 uses a variety of methods to educate the public about the importance of managing stormwater. This consists of a variety of written materials, bulletins, websites, and Caltrans’ Adopt-A-Highway program. A few venues the District uses to accomplish this are public schools and community sponsored clean-up events, Bring Your Child to Work Day, and Earth Day. The written material is designed to appeal to the public while providing technical information on selected Caltrans projects and activities. The District continues to install stenciled warnings prohibiting discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.						
<b>Municipal Coordination</b>						
District 7 coordinates stormwater management activities as well as TMDL activities with municipalities, flood control districts, RWQCBs, and other entities as necessary. Make some stormwater training courses available for participation by local agencies and district staff. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies. Discuss and be open to possible opportunities to collaborate with the MS4 permittees to increase public education efforts within the District and participate in local events as the District budget permits. As described in Chapter 7 of this DWP, District 7 is continuing to participate in various stakeholders’ groups including private and public agencies in an effort to comply with various TMDLs. Opportunities to coordinate with stakeholders on monitoring or TMDL implementation will be pursued. The District will continue to attend TMDL meetings and workshops to gain information relative to Caltrans and coordinate as needed on TMDLs where Caltrans has been identified as a stakeholder.						
The District has several cooperative agreements in effect with local agencies, including:						
<b>County</b>	<b>Route</b>	<b>Begin PM</b>	<b>End PM</b>	<b>Regional Board</b>	<b>Local Agency</b>	<b>Purpose of Agreement</b>
Ventura	1 34, 101 118	7.4 6.3 1.2 2.9	14.6 17.6 21.0 32.5	4	Camrosa Water District, Camarillo Sanitary District, Cities of Camarillo, Moorpark, Oxnard, Simi Valley, Thousand Oaks, County of Ventura, Ventura County Waterworks District No. 1, U.S. Department of Navy, Ventura County Agricultural Irrigated Lands Group	<u>District Agreements 07-4788A1, 07-4838:</u> Cost sharing for Calleguas Creek monitoring of TMDLs and Revolon Slough Beardsley Wash Trash and designate Calleguas Municipal Water District as fiscal agent

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
Ventura	33 101	0.0 31.5	5.5 30.6	4	City of Ventura, California Department of Parks and Recreation Channel Coast District, Ventura County Fairgrounds, County of Ventura, Ventura County Watershed Protection District, and Participants in the Ventura County Agricultural Irrigated Lands Group	<u>District Agreement 07-4860A2</u> : Cost sharing for Ventura River estuary trash monitoring
Los Angeles/ Ventura	LA 1 LA 23 LA101 VEN23 VEN101	46.8 6.9 29.3 0.0 0.0	47.2 8.9 38.2 3.29 1.1	4	Cities of Malibu, Calabasas, Westlake Village, Hidden Hills, Agoura Hills, County of Los Angeles	<u>District Agreement 07-4944A1</u> : Cost sharing for Malibu Creek bacteria monitoring
LA	1 187	30.47 3.42	32.17 4.48	4	County of Los Angeles, City of Los Angeles, and City of Culver City	<u>District Agreement 07-4901A1</u> . Coordination for cost sharing and administration for Marina del Rey Harbor Toxic Pollutants TMDL Monitoring and Special Studies (in process)
LA	1 187	30.47 3.42	32.17 4.48	4	County of Los Angeles, City of Los Angeles, and City of Culver City	<u>District Agreement 4802A1</u> : Coordination for cost sharing and administration for Marina del Rey Harbor Mother's Beach and Back Basin Bacteria TMDL Monitoring (in process)
LA	1 2 2 10 90 101 110 187 405	29.22 2.39 10.58 3.61 1.74 2.57 19.94 4.44 22.47	30.66 3.68 12.74 16.57 2.65 8.7 22.9 8.9 37.13	4	Cities of Los Angeles, Beverly Hills, West Hollywood, Santa Monica, Inglewood, and Culver City, and the County of Los Angeles	<u>District Agreement 4868A1</u> : Coordination for cost sharing and administration for Ballona Creek, Estuary, and Sepulveda Channel Bacteria TMDL CMP Monitoring (in process)

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1 2 2 10 90 101 110 187 405	29.22 2.39 10.58 3.61 1.74 2.57 19.94 4.44 22.47	30.66 3.68 12.74 16.57 2.65 8.7 22.9 8.9 37.13	4	Cities of Los Angeles, Beverly Hills, West Hollywood, Santa Monica, Inglewood, and Culver City, and the County of Los Angeles	<u>District Agreement 4869A1</u> : Coordination for cost sharing and administration for Ballona Creek Metals and Toxics TMDL CMP Monitoring and Toxicity Identification Evaluation Study (in process)
LA	1 2 2 10 90 101 110 187 405	29.22 2.39 10.58 3.61 1.74 2.57 19.94 4.44 22.47	30.66 3.68 12.74 16.57 2.65 8.7 22.9 8.9 37.13	4	Cities of Los Angeles, Beverly Hills, West Hollywood, Santa Monica, Inglewood, and Culver City, and the County of Los Angeles	Coordination for the Planning and Preparation of Water Management Plan (WMP), Enhanced WMP, and Coordinated Integrated Monitoring Program (CIMP) for the MS4 Permittees and Caltrans

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1	5.4	7.65	4	Cities of Alhambra, Arcadia, Bell, Bell Gardens, Bradbury, Burbank, Calabasas, Carson, Commerce, Compton, Cudahy, Downey, Duarte, El Monte, Glendale, Hidden Hills, Huntington Park, Irwindale, La Canada Flintridge, Long Beach, Los Angeles, Lynwood, Maywood, Monrovia, Montebello, Monterey Park, Paramount, Pasadena, Pico Rivera, Rosemead, San Fernando, San Gabriel, San Marino, Sierra Madre, Signal Hill, South El Monte, South Gate, South Pasadena, Temple City, Vernon, Unincorporated Area of the County of Los Angeles	<u>District Agreement 07-4847A1</u> Coordination for cost sharing and administration of Los Angeles River Metals TMDL CMP Monitoring
	91	9.18	10.58			
	105	6.77	11.37			
	110	13.35	19.50			
	405	5.95	8.7			
	710	1.1	8.77			
	2	33.89	38.43			
	2	24.41	32.69			
	2	32.77	33.15			
	5	8.35	20.54			
	10	14.40	28.60			
	60	0.0	10.54			
	72	7.74	8.46			
	91	10.58	14.51			
	101	0.0	2.47			
	105	11.37	15.87			
	110	22.79	31.91			
	134	11.16	13.34			
	210	19.13	36.11			
	605	23.3	25.1			
	710	8.77	27.7			
	134	4.22	11.16			
	210	10.89	19.13			
	2	33.15	33.89			
	2	32.69	32.77			
	2	44.13	45.01			
	2	43.12	43.17			
	2	51.21	53.83			
	2	45.96	50.46			
	5	35.19	47.15			
	14	24.79	25.7			
	101	9.31	19.35			
	118	6.81	14.43			
	134	0	4.22			
	170	14.5	20.51			
	210	0	10.89			
	405	36.6	48.2			
	27	9.29	20.06			
	101	19.35	29.78			
	118	0	6.81			
	118	31.74	32.6			

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	2	33.89	38.43	4	Cities of Alhambra, Arcadia, Bell, Bell Gardens, Bradbury, Commerce, Compton, Cudahy, Downey, Duarte, El Monte, Glendale, Hidden Hills, Huntington Park, Irwindale, La Canada Flintridge, Long Beach, Lynwood, Maywood, Monrovia, Montebello, Monterey Park, Paramount, Pasadena, Pico Rivera, Rosemead, San Gabriel, San Marino, Sierra Madre, South Gate, South Pasadena, Temple City, Vernon, Unincorporated Area of the County of Los Angeles	<u>District Agreement 07-4907</u> . Coordination for cost sharing and administration for Los Angeles River Metals TMDL Development of Implementation Plan, Reach 2
	2	24.41	32.69			
	2	32.77	33.15			
	5	8.35	20.54			
	10	14.40	28.60			
	60	0.0	10.54			
	72	7.74	8.46			
	91	10.58	14.51			
	101	0.0	2.47			
	105	11.37	15.87			
	110	22.79	31.91			
	134	11.16	13.34			
	210	19.13	36.11			
	605	23.3	25.1			
	710	8.77	27.7			

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1	5.4	7.65	4	Cities of Arcadia, Bell, Bell Gardens, Bradbury, Burbank, Carson, Commerce, Compton, Downey, Duarte, El Monte, Glendale, Hidden Hills, Huntington Park, Irwindale, La Canada Flintridge, Long Beach, Los Angeles, Lynwood, Maywood, Monrovia, Montebello, Monterey Park, Paramount, Pasadena, Pico Rivera, Rosemead, San Fernando, San Gabriel, San Marino, Sierra Madre, Signal Hill, South El Monte, South Gate, South Pasadena, Temple City, Vernon, Unincorporated Area of the County of Los Angeles	District Agreement <u>07-4909</u> . Coordination for cost sharing and administration to undertake scientific studies to develop Site Specific Objectives (SSO) applicable to the Los Angeles River and Tributaries metals TMDL
	91	9.18	10.58			
	105	6.77	11.37			
	110	13.35	19.50			
	405	5.95	8.7			
	710	1.1	8.77			
	2	33.89	38.43			
	2	24.41	32.69			
	2	32.77	33.15			
	5	8.35	20.54			
	10	14.40	28.60			
	60	0.0	10.54			
	72	7.74	8.46			
	91	10.58	14.51			
	101	0.0	2.47			
	105	11.37	15.87			
	110	22.79	31.91			
	134	11.16	13.34			
	210	19.13	36.11			
	605	23.3	25.1			
	710	8.77	27.7			
	134	4.22	11.16			
	210	10.89	19.13			
	2	33.15	33.89			
	2	32.69	32.77			
	2	44.13	45.01			
	2	43.12	43.17			
	2	51.21	53.83			
	2	45.96	50.46			
	5	35.19	47.15			
	14	24.79	25.7			
	101	9.31	19.35			
	118	6.81	14.43			
	134	0	4.22			
	170	14.5	20.51			
	210	0	10.89			
	405	36.6	48.2			
	27	9.29	20.06			
	101	19.35	29.78			
	118	0	6.81			
	118	31.74	32.6			

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1	5.4	7.65	4	Cities of Arcadia, Bell, Bell Gardens, Bradbury, Burbank, Carson, Commerce, Compton, Downey, Duarte, El Monte, Glendale, Hidden Hills, Huntington Park, Irwindale, La Canada Flintridge, Long Beach, Los Angeles, Lynwood, Maywood, Monrovia, Montebello, Monterey Park, Paramount, Pasadena, Pico Rivera, Rosemead, San Fernando, San Gabriel, San Marino, Sierra Madre, Signal Hill, South El Monte, South Gate, South Pasadena, Temple City, Vernon, Unincorporated Area of the County of Los Angeles	Coordination for the Planning and Preparation of Water Management Plan (WMP), Enhanced WMP, and Coordinated Integrated Monitoring Program (CIMP) for the MS4 Permittees and Caltrans
	91	9.18	10.58			
	105	6.77	11.37			
	110	13.35	19.50			
	405	5.98	8.7			
	710	1.1	8.77			
	2	33.89	38.43			
	2	24.41	32.69			
	2	32.77	33.15			
	5	8.35	20.54			
	10	14.40	28.60			
	60	0.0	10.54			
	72	7.74	8.46			
	91	10.58	14.51			
	101	0.0	2.47			
	105	11.37	15.87			
	110	22.79	31.91			
	134	11.16	13.34			
	210	19.13	36.11			
	605	23.3	25.1			
	710	8.77	27.7			
	134	4.22	11.16			
	210	10.89	19.13			
	2	33.15	33.89			
	2	32.69	32.77			
	2	44.13	45.01			
	2	43.12	43.17			
	2	51.21	53.83			
	2	45.96	50.46			
	5	35.19	47.15			
	14	24.79	25.7			
	101	9.31	19.35			
	118	6.81	14.43			
	134	0	4.22			
	170	14.5	20.51			
	210	0	10.89			
	405	36.6	48.2			
	27	9.29	20.06			
	101	19.35	29.78			
	118	0	6.81			
	118	31.74	32.6			

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1 107	17.4 2.45	23.49 3.49	4	Cities of Redondo Beach, Hermosa, Manhattan Beach, El Segundo, and Torrance	Coordination for cost sharing and administration for implementation of the approved Implementation Plan for Santa Monica Bay Beaches Dry Weather and Wet Weather Bacteria TMDLs for Jurisdictional Groups (JGs) 5 and 6 (including programmatic solutions, structural BMPs Siting, and Source Control)
LA	1 107	17.4 2.45	23.49 3.49	4	Cities of Redondo Beach, Hermosa, Manhattan Beach, El Segundo, and Torrance	Coordination for cost sharing and administration for stormwater quality monitoring and compliance strategies for Santa Monica Bay Beaches Bacteria TMDL, Santa Monica Bay Nearshore Debris TMDL, and Santa Monica Bay PCB and DDT TMDL within JGs 5 and 6, including source control, structural BMP siting, programmatic solutions such as public education and outreach through survey and student art contest, etc.
LA	1 107	17.4 2.45	23.49 3.49	4	Cities of Redondo Beach, Hermosa, Manhattan Beach, El Segundo, and Torrance	Coordination for cost sharing and administration for Enhanced Water Management Plan (WMP), WMP, Coordinated Integrated Management Plan for the MS4 Permittees and Caltrans in the South Bay Watershed

Table 6-3: District 7 General Management Practices

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1	1.85	2.74	4	City of Long Beach and County of Los Angeles Flood Control District	Coordination for Cost Sharing and Administration for Monitoring and Compliance for Colorado Lagoon OC Pesticide, PCBs, Sediment Toxicity, PAHs, Metals TMDL, including development of Monitoring Plan.
LA	1 1 19 22 91 405	.19 2.74 3.98 0 13.87 .42	1.85 3.96 8.4 1.26 16.05 5.95	4	Cities of Bellflower, Cerritos, Long Beach, Signal Hill, Downey, Lakewood, and Paramount,	<u>District Agreement 07-xxxx</u> : Coordination for cost sharing and administration of monitoring and compliance strategies for Los Cerritos Channel Metals TMDL and Watershed Management Plan and Coordinated Integrated Monitoring Program (in process)
LA Ven LA LA Ven LA Ven	1 1 27 101 101 23 23	40.75 0 9.3 29.26 0 0 0	62.87 .02 30.66 38.19 1.21 8.9 R3.278	4	Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village	<u>District Agreement 07-4961</u> : Coordination for cost sharing and administration for local match to a State co-funded Greater Los Angeles County Integrated Regional Water Management Plan Update for Prop 84 and other grant funding for water management projects
LA	1 91 105 110 405 710	5.4 9.18 6.77 13.35 5.95 1.1	7.65 10.58 11.37 19.50 8.7 8.77		Carson, Compton, Huntington Park, Long Beach, Lynwood, Signal Hill, South Gate, Vernon	<u>District Agreement 07-4971</u> : Coordination for cost or information sharing, administration for implementation of the approved implementation plan for Reach 1 of Los Angeles River, and for Phase II of the implementation activities

*Table 6-3: District 7 General Management Practices*

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
LA	1 107	17.4 2.45	23.49 3.49	4	Cities of Redondo Beach, Hermosa, Manhattan Beach, El Segundo, and Torrance, and Santa Monica Bay Restoration Foundation	Coordination for cost and information sharing and administration for stormwater quality compliance strategies through Clean Bay Restaurant Certification Program for Santa Monica Bay Beaches Bacteria TMDL, Santa Monica Bay Nearshore Debris TMDL, and Santa Monica Bay PCB and DDT TMDL within JGs 5 and 6.
LA	1 187	30.47 3.42	32.17 4.48	4	County of Los Angeles, City of Los Angeles, and City of Culver City	Coordination for cost sharing and administration for Marina del Rey Harbor Watershed Management Plan or Enhanced Watershed Management Plan and Coordinated Integrated Monitoring Program (CIMP) for the MS4 Permittees and Caltrans
LA	1 1 19 47 47 91 103 105 110 213 710	.19 9.24 3.98 0 3.5 13.87 0 .42 0 .12 5	7.7 11.22 8.4 2.3 4.16 16.05 .88 5.95 3.81 4.15 6.39	4	Regional Monitoring Coalition consisting City of Long Beach, Port of Long Beach, Port of Los Angeles, Cities of Los Angeles, Paramount, Lakewood and Signal Hill, and County of Los Angeles (City of Lakewood may withdraw)	Coordination for cost sharing and administration for Water Management Plan (WMP) or Enhanced WMP and CIMP for the MS4 Permittees and Caltrans
LA	1 91 105 107 107 110 405	7.7 6 .5 2.22 3.76 6.52 8.7	9.24 8.43 6.76 3.13 5.51 13.5 22.47	4	Dominguez Channel Technical Committee consists of City of Carson, Los Angeles County, Cities of Los Angeles, Torrance, Hawthorne, Inglewood, Gardena, Lawndale, El Segundo, Redondo Beach, Compton, Long Beach, Manhattan Beach, Los Angeles Flood Control District,	Coordination for cost sharing and administration for Water Management Plan (WMP) or Enhanced WMP and CIMP for the MS4 Permittees and Caltrans

*Table 6-3: District 7 General Management Practices*

<b>County</b>	<b>Route</b>	<b>Begin PM</b>	<b>End PM</b>	<b>Regional Board</b>	<b>Local Agency</b>	<b>Purpose of Agreement</b>
Ven	1	0.0	.02	4	Jurisdictional Groups	District 07-4897A1
LA	1	24.4	62.86		1-4 of Santa Monica	Administration and Cost
LA	10	0.0	4.24		Bay Beaches	Sharing for Santa
LA	23	0.0	6.74		Watershed Responsible	Monica Bay
LA	27	0.0	9.3		Agencies, including	Implementation of the
					County of Los Angeles,	Coordinated Shoreline
					County of Ventura,	Monitoring Plan for
					California Department	Santa Monica Bay
					of Parks and	Beaches Bacteria
					Recreation, Cities of	TMDL
					Calabasas, Los	
					Angeles, El Segundo,	
					Malibu, and Santa	
					Monica	

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## 7 Region-Specific Activities

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Section 7 of the DWP describes and identifies the applicable region-specific activities that District 7 has planned for the fiscal year to address total maximum daily loads (TMDLs), for which the District has been identified as a stakeholder, and other region-specific requirements from Attachment V of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) if applicable to the District.

### Total Maximum Daily Loads

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 workplan 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 7-1 lists TMDL compliance activities for each TMDL in District 7 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 and the proposed BMPs to be implemented in coordination with municipal and other stakeholders (if applicable)
- Planned Actions – specific activities the District intends to conduct during the fiscal year to comply with the TMDL by the deadline

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Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Legg Lake Trash TMDL	3/6/2008	Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/2015	Caltrans is currently conducting weekly monitoring at four locations	none	Caltrans will evaluate the monitoring data and determine actions to achieve compliance. Caltrans may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the water body or place full capture devices at the drainage outfalls.
4	Machado Lake Trash TMDL	3/6/2008	Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/2015	none	none	Caltrans will seek to work cooperatively with responsible agencies or work independently to achieve compliance
4	TMDL for Pesticides and PCBs for Machado Lake	3/20/2012	Submit an MRP and QAPP to RWQCB and Conduct 2 year water quality monitoring	to be determined	none	Caltrans will be working cooperatively with other Responsible Agencies toward compliance of the TMDL.	Caltrans District 7 will act on deliverables pending decision from HQ and seek to work cooperatively with responsible agencies or independently to conduct the water quality monitoring. Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Calleguas Creek Toxics OC Pesticides and PCBs TMDL	3/24/2006	RWQCB to reevaluate siltation and sediment load and waste load allocations based on special study #1 and effective date of siltation load allocation and waste load allocation	3/24/2015	Joint monitoring is being conducted with responsible agencies in the watershed	Caltrans is working cooperatively with other Responsible Agencies to jointly comply with the TMDL requirements.	Caltrans and the responsible agencies will respond to RWQCB's evaluation of siltation and sediment load and WLAs based on special study and implement the implementation plan for siltation load allocation and WLAs. Project Engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.
4	Calleguas Creek Nitrogen Compounds and Related Effects TMDL	7/16/2003	The TMDL requires the Calleguas Creek Watershed Management Plan Subcommittees to submit a Monitoring Work Plan and complete several special studies including planning and preparation of construction for TMDL remedies to reduce Nitrogen loads.	N/A	Caltrans' monitoring data depicts Caltrans discharges to be below the TMDL limits, thus no additional measures are needed to be considered for meeting the conditions of the Nitrogen TMDL.	The TMDL requires the Calleguas Creek Watershed Management Plan Subcommittees to submit a Monitoring Work Plan and complete several special studies including planning and preparation of construction for TMDL remedies to reduce Nitrogen loads. Caltrans is actively participating in the Subcommittee and working toward compliance of the TMDL.	Caltrans' monitoring data depicts Caltrans discharges to be below the TMDL limits, thus no additional measures are needed to be considered for meeting the conditions of the Nitrogen TMDL.

*Table 7-1: District 7 TMDL Activities*

<b>Regional Board</b>	<b>TMDL Name</b>	<b>Effective Date</b>	<b>District Specific Implementation Activities</b>	<b>Compliance Date (if applicable)</b>	<b>Monitoring</b>	<b>TMDL Municipal/Stakeholder Coordination</b>	<b>Planned Actions</b>
4	Revolon Slough Beardsley Wash Trash Calleguas Creek TMDL	3/6/2008	Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/2015	Joint monitoring is being conducted with responsible agencies in the watershed	Caltrans and responsible agencies will evaluate the monitoring results and summarize the results in the annual report.	Caltrans and the responsible agencies will evaluate the effectiveness of BMPs, and refine the BMPs to meet trash reduction levels. In addition Caltrans will continue to work on the design phase for the structural BMP projects to capture trash. Project Engineer shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Calleguas Creek Watershed Metals and Selenium TMDL	3/26/2007	Re-evaluation of agricultural and urban load and waste load allocations for copper, mercury, nickel, and selenium based on the evaluation of BMP effectiveness. Agricultural and urban dischargers will have a required 25%, 50%, and 100% reduction in the difference between the current loadings and the load allocations at 5, 10, and 15 years after the effective date, respectively	3/26/2017	N/A	Caltrans is working with a group of Responsible Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.
4	Total Maximum Daily Load for Boron, Chloride, Sulfate, and TDS (Salts) in the Calleguas Creek Watershed	12/2/2008	Caltrans is not named in the TMDL.	N/A	N/A	Caltrans is not named in the TMDL.	Caltrans is not named in the TMDL.

*Table 7-1: District 7 TMDL Activities*

<b>Regional Board</b>	<b>TMDL Name</b>	<b>Effective Date</b>	<b>District Specific Implementation Activities</b>	<b>Compliance Date (if applicable)</b>	<b>Monitoring</b>	<b>TMDL Municipal/Stakeholder Coordination</b>	<b>Planned Actions</b>
4	Malibu Creek Trash TMDL	7/7/2009	Evaluation of effectiveness of full-capture system and other measures, and reconsider WLA	7/7/2014	none	none	Caltrans will continue to work on the design phase for the structural BMP projects to capture trash. Project Engineer shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.
4	Malibu Creek Bacteria TMDL	1/24/2006	Achieve WLAs and Load Allocations	1/25/2016	Joint monitoring is being conducted with responsible agencies in the watershed	Caltrans will be working with other Responsible Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Ventura River Estuary Trash TMDL	3/6/2008	Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/2015	Joint monitoring will continue to be conducted with responsible agencies in the watershed	Caltrans and responsible agencies will evaluate the monitoring results and summarize the results in the annual report.	Caltrans and the responsible agencies will evaluate the effectiveness of BMPs, and refine the BMPs to meet trash reduction levels. In addition Caltrans will begin construction on structural BMP projects to capture trash. Project Engineer shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.
4	Harbor Beaches of Ventura County Bacteria TMDL	12/18/2008	Submit compliance report to evaluate compliance with dry weather and interim wet weather allocations	12/18/2014	Ventura County Watershed Protection currently monitors the harbor beaches for bacteria impairments at two locations	Caltrans will work with responsible agencies in the watershed to achieve compliance	Caltrans and the responsible agencies will evaluate the effectiveness of BMPs, and refine the BMPs to meet compliance. Project Engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Santa Monica Bay Beaches Dry Weather Bacteria TMDL	7/15/2003	Achieve 100% compliance for summer dry and winter dry weathers  Submit monthly monitoring report to the Regional Board	(7/15/2006), (7/15/2009)  Each month of the FY 2014-15	Joint monitoring with local agencies in JGs 1 through 6 and 9	The Wet Weather Bacteria TMDL for the Santa Monica Bay Beaches outlines 7 Jurisdiction Groups in the Santa Monica Bay coastal watersheds and assigns a Primary Responsible Jurisdiction and the Additional Responsible Jurisdictions and Agencies to each Jurisdiction Group. Caltrans participates in the Jurisdiction Groups as an Additional Responsible Agency and is working cooperatively with other Responsible Agencies toward compliance of the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans will also review and submit the Annual Monitoring Reports.
4	Santa Monica Bay Beaches Wet Weather Bacteria TMDL	7/15/2003	Achieve 100% of the WLAs, or 50% of the WLAs if adopting Integrated Water Resources Approach (IWRA)  Submit Monthly Monitoring Report the Regional Board	7/11/2018  Each month of the 2014-15FY.	Joint monitoring with local agencies in JGs 1 through 6 and 9	The Wet Weather Bacteria TMDL for the Santa Monica Bay Beaches outlines 7 Jurisdiction Groups in the Santa Monica Bay coastal watersheds and assigns a Primary Responsible Jurisdiction and the Additional Responsible Jurisdictions and Agencies to each Jurisdiction Group. Caltrans participates in the Jurisdiction Groups as an Additional Responsible Agency and is working cooperatively with other Responsible Agencies toward compliance of the TMDL.	Project Engineer shall consider treatment controls for projects and consult with the District NPDES Storm Water Coordinator. Caltrans will also review and submit the Annual Monitoring Reports the Regional Board. District 7 is also waiting for the meeting between HQ and Regional Board.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Santa Monica Bay Nearshore Debris TMDL	3/20/2012	Submit Plastic Monitoring and Reporting Plan (PMRP)	3/20/2016	The District has the draft Trash Monitoring and Reporting Plan (TMRP) prepared, but the submittal depends on the outcome of the negotiation between HQ and Regional Board, and monitoring is to start 6 months after receipt of approval of the TMRP and the PMRP.	Caltrans will be working with other Responsible Agencies to jointly comply with the TMDL.	District 7 is halting all the deliverables of this TMDL pending the outcome of the negotiation between the HQ and Regional Board. However, project engineer shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. .
4	Santa Monica Bay DDTs and PCBs TMDL	3/26/2012	Achieve the WLAs specified in the TMDL	(3/26/2012—This EPA Established TMDL has no implementation schedule.)	Halting all deliverables pending results of discussion with Regional Board of a Statewide Strategy.	Caltrans will be working with other Responsible Agencies to jointly comply with the TMDL.	District 7 is halting all the deliverables of this TMDL pending the outcome of the negotiation between the HQ and Regional Board. Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Marina del Rey Harbor Mother's Beach and Back Basin Bacteria TMDL	3/18/2004	Achieve 100% compliance during wet weather  Monthly Monitoring Report	3/18/2022  Each month of 2014-15 FY	County of Los Angeles is monitoring on behalf of Caltrans in the watershed, while District 7 is proceeding with processing a monitoring MOA for FY 2012-2015.	Caltrans is working cooperatively with other Responsible Agencies toward compliance of the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. District 7 continues to implement approved Implementation Plans and will submit the monthly Monitoring Report for FY 2014-15 to the Regional Board
4	Marina del Rey Harbor Toxic Pollutants TMDL	3/22/2006	Caltrans must demonstrate by 3/22/2015 that 50% of the watershed meets the WLAs based IWRA  Submit Annual Monitoring Report for FY 2014-15.	3/22/2015  (10/11/2014, estimated date based on past delivery)	District 7 will continue its monitoring activities, and commence its compliance or effectiveness monitoring beginning in March of 2013.	Caltrans is working cooperatively with other Responsible Agencies toward compliance of the TMDL.	Project Engineer shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator , and will implement the approved Implementation Plans. District 7 will review and submit the Annual Monitoring Report for FY 2014-15 to the Regional Board.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Los Angeles River Trash TMDL	7/24/2008	<p>The district must achieve 0% of Baseline load, 3.33 of baseline load (262.2)</p> <p>Clean out and measure trash retained</p> <p>Clean out and trash retained</p>	<p>9/30/2014</p> <p>72 hours after each rain event</p> <p>Every three month during dry weather</p>	District 7 will continue monitoring	No coordination with cities in the specific watershed.	<p>Project Engineers shall consider placing infiltration basins or media filters as much as possible in lieu of GSRDs at existing and proposed drainage systems. Caltrans will be working with other agencies toward development of WMP, EWMP, and CIMP.</p>
4	Los Angeles River Nitrogen Compounds and Related Effects TMDL	3/23/2004	None	<p>Caltrans' monitoring data depicts Caltrans discharges to be below the TMDL limits, thus no additional measures are needed to be considered for meeting the conditions of the Nitrogen TMDL</p>	N/A	N/A	<p>Caltrans' monitoring data depicts Caltrans discharges to be below the TMDL limits, thus no additional measures are needed to be considered for meeting the conditions of the Nitrogen TMDL</p>

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Los Angeles River Metals TMDL	11/3/11 (Original effective date: 10/29/2008)	The next compliance target for dry weather is 75% of drainage meeting the WLAs by 1/11/2020 (or 60% by 2015), and 50% of that in wet weather meeting the WLAs by 1/11/2024 (or 31% by 2015). Submit Annual Monitoring Report for FY 12-13	(1/11/2020 for dry weather and 1/11/2024 for wet weather)  9/23/2014(Estimated date based on past data)	District 7 will continue monitoring with the City of Los Angeles based on District Agreement 4847A1 in process and the approved CMP.	Caltrans will work with 5 groups of Responsible Agencies toward compliance of the TMDL.	Project engineers shall consider treatment controls for project meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans will implement the approved Implementation Plans as well as legislative actions. District 7 will review and submit through City of LA Annual Report for FY 2014-15. Caltrans will be working with other agencies toward development of WMP, EWMP, and CIMP for lower Los Angeles River.
4	Ballona Creek Trash TMDL	8/11/2005 (Original effective date: 8/28/2002)	Achieve 0 cub feet or 0% reduction of baseline load  Clean out of and measurement of trash retained  Clean out of and measurement of trash retained	9/30/3013  After each rain event in FY 2014-15  Every three month during dry weather	Caltrans is not required to monitor, and has opted to not monitor.	N/A	Project Engineers shall consider placing infiltration basins or media filters as much as possible in lieu of GSRDs at existing and proposed drainage systems.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Ballona Creek Toxics TMDL	1/11/2006	(Achieve 50% of WLA)  Submit Annual Monitoring Report for FY 2014-15	1/11/2015  9/27/2014 (estimated date)	Caltrans and other agencies in the watershed shall begin effectiveness or compliance monitoring beginning January of 2013. Monitoring shall follow the revised CMP by 1. Removal of Tier II monitoring, and 2. Removal of storm-born sediments monitoring at BC-2, 3, and 4.	Caltrans will continue to participate in a group of Responsible Agencies working collaboratively toward compliance of the TMDLs.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. The District is waiting for Regional Board's comments on the draft implementation plan.
4	Ballona Creek Bacteria TMDL	4/27/2007	Achieve summer and winter dry weather compliance	(4/27/2017 or 7/15/2021 the latest)	District 7 shall continue monitoring according to the approved CMP, but shall stop accelerated monitoring after April of 2013, and fecal coliform shall no longer be monitored in Reach 2.	Caltrans is working in a group of Responsible Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator, and implement the implementation plan and outfall monitoring plan when the plans are approved.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Ballona Creek Metals TMDL	10/29/2008	Achieve 100% drainage area dry weather WLAs and 50% wet weather WLAs  Submit Annual Monitoring Report for FY 2014-15	1/11/2016  9/27/2013 (estimated date)	The District shall continue Effectiveness monitoring according to the revised CMP that includes 1. Removal of Tier II monitoring, and 2. Removal of storm-born sediments monitoring at BC-2, 3, and 4.	Caltrans is participating in a group of Responsible Agencies working collaboratively toward compliance of the TMDLs.	Project Engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans will implement the implementation plan when approved, and will support legislative efforts.
4	Ballona Creek Wetlands Sediment and Invasive Exotic Vegetation TMDL	3/26/2012	The TMDL assigns waste load allocations on sediment discharges and input of invasive exotic vegetation to the Responsible Agencies, including Caltrans. In addition, the TMDL requires the cooperative parties, including Caltrans to remove legacy sediment deposit in the Wetlands. The waste load allocation and load allocation are “zero” for invasive exotic vegetation species rated as “high” or “moderate” on the California Invasive Plant Council’s Plant Inventory (CAIPC).	no implementation schedule, immediate compliance on 3/26/2012	(Santa Monica Bay Restoration Commission conducts baseline monitoring)	N/A	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Colorado Lagoon OC Pesticides, Sediment Toxicity, PCBs, PAHs, and Metals TMDL	7/28/2011	Submit bi-annual Progress Reports to the Regional Board for review.  Submit Annual Report to the RWQCB	7/18/2018	Monitoring shall begin 6 months after approval of Monitoring Plan	Caltrans will continue to explore partnership opportunities with City of Long Beach to implement joint treatment projects.	Project engineers shall consider treatment controls for projects and consult with the District NPDES Storm Water Coordinator. Caltrans will submit Bi-Annual Reports. District 7 will comply with NPDES Permit requirements, and implement the monitoring plan when approved.
4	San Gabriel River Metals TMDL	3/26/2007	Submittal of Coordinated Monitoring Plan	9/30/2015 (if approved)	No monitoring until six months after approval of the Coordinated Monitoring Plan	Caltrans will be working with groups of Responsible Agencies to jointly comply with the TMDL,	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans will comply with implementation schedule when approved. Caltrans will be working with other agencies toward development of WMP, EWMP, and CIMP for lower San Gabriel River watershed.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Los Cerritos Channel Metals TMDL	3/17/2010	Submittal of Coordinated Monitoring Plan	9/30/2015 (if approved)	Monitoring shall start six months after approval of the Coordinated Monitoring Plan	Caltrans is proceeding with a TMDL project to implement treatment BMPs in the watershed and is collaborating with other Responsible Agencies to comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans supports legislative efforts. Caltrans will comply with implementation schedule when approved; she will be working with other agencies toward development of WMP, EWMP, and CIMP.
4	Long Beach Cities and Los Angeles River Estuary TMDL for Indicator Bacteria	3/26/2012	The TMDL requires the Responsible Agencies such as City of Long Beach and Caltrans to reduce number of exceedance days of bacteria concentrations at Long Beach City Beaches and in the Los Angeles River Estuary. The State Routes discharge into the Los Angeles River Estuary only. There is no State Routes in the drainage areas of the Long Beach City Beaches.	3/26/2012	N/A	Caltrans will be working with City of Long Beach and other Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for the projects and consult with the District NPDES Storm Water Coordinator. Caltrans will be working with other agencies toward development of WMP, EWMP, and CIMP.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Los Angeles River Bacteria TMDL	3/23/2012	Submit a LRS (Load Reduction Strategy) or ACP( Alternative Compliance Plan) for Segment B	(9/23/2014)	Monitoring shall begin 6 months after approval of the CMP.	Caltrans will be working with groups of Responsible Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans will be working with other agencies toward development of WMP, EWMP, and CIMP.
4	Machado Lake Nutrient TMDL	3/11/2009	5-year Interim Total Nitrogen WLA and LA apply  Annual Monitoring Report	3/11/2014  Submit report after approval of the monitoring plan	6 months after approval of the monitoring plan	Caltrans is working cooperatively with the other Responsible Agencies toward compliance of the TMDL.	Project Engineer shall consider treatment controls for the project and consult with the District NPDES Storm Water Coordinator.
4	Santa Clara River Bacteria TMDL	3/21/2012	The TMDL requires Caltrans and other non-MS4 permit, upon effective of the TMDL, to comply with the Waste Load Allocations (WLA) of zero "0" exceedance day for both Dry and Wet Weather, and for Geometric Mean in the Santa Clara River Estuary and targeted reaches.	-	-	None	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Metals and Toxics TMDL	3/23/2012	Submit annual implementation report to the Regional Board	3/23/2015	Monitoring shall begin 6 months after approval of the monitoring plan	Caltrans will participate with groups of agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for the projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.
4	TMDL for Algae, Eutrophic Conditions and Nutrients in Ventura River and its Tributaries	N/A	It is anticipated to become effective in the near future. The TMDL requires the Responsible Agencies, including Caltrans to reduce the waste loads of Total Nitrogen (TN) and Total Phosphorus (TP) in the discharges and receiving water. The Responsible Agencies and Caltrans shall meet the wet weather waste loads upon effective of the TMDL and meet the dry weather waste loads in six (6) years from the effective date of the TMDL.	N/A	District 7 is waiting for decision from HQ regarding negotiation with Regional Board	Caltrans will work with other Responsible Agencies to jointly comply with the TMDL.	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator.

Table 7-1: District 7 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/Stakeholder Coordination	Planned Actions
4	Los Angeles Lakes Nutrients, Metals and Toxics Total Maximum Daily Loads	3/26/2012	The State Routes are only in the drainage area of the following 5 lakes: Peck Road Park Lake, Echo Park Lake, Legg Lake, Puddingstone Reservoir, and Lake Sherwood, and only in these five drainage areas will there be implementation activities.	3/26/2013	N/A	N/A	Project engineers shall consider treatment controls for projects meeting guidelines and consult with the District NPDES Storm Water Coordinator. Caltrans supports legislative efforts.
4	Los Angeles Harbor Bacteria TMDL	3/10/2005	Caltrans is not a responsible party	N/A	N/A	Caltrans is not a responsible party	Caltrans is not a responsible party
4	Trash TMDL for East Fork for San Gabriel River	4/17/2001	Caltrans is not a responsible party	N/A	N/A	Caltrans is not a responsible party	Caltrans is not a responsible party
4	TMDL for Santa Clara River Estuary/Surfer's Knoll, McGrath State Beach, and Mandalay Beach Coliform and Beach Closure	6/20/2011	Caltrans is not a responsible party	N/A	N/A	Caltrans is not a responsible party	Caltrans is not a responsible party
4	The Upper Santa Clara River Chloride TMDL	5/4/2005	Caltrans is not a responsible party	N/A	N/A	Caltrans is not a responsible party	Caltrans is not a responsible party
4	Santa Clara River Nitrogen Compounds TMDL	3/23/2004	Caltrans is not a responsible party	N/A	N/A	Caltrans is not a responsible party	Caltrans is not a responsible party

## **Other Region-Specific Requirements**

Other region-specific requirements are not applicable to District 7.

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