

**California Department of Transportation**

**STORMWATER MANAGEMENT PROGRAM**

**DISTRICT 7 WORK PLAN**

**Central Coast, Central Valley, Los Angeles,  
and Lahontan Regions**

**Fiscal Year**

**2009-2010**

**CTSW-RT-09-182.42.1**



**California Department of Transportation  
Division of Environmental Analysis  
Stormwater Management Program  
100 S. Main St. Ste 100, California 90012  
<http://www.dot.ca.gov/hq/env/stormwater>**

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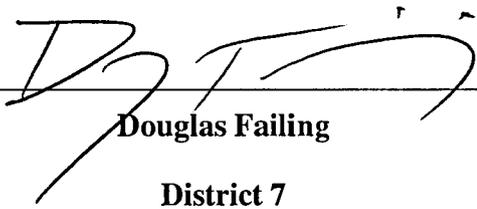
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**California Department of Transportation  
District 7 Certification**

**District Work Plan 2009-2010**

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

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 2/24/09  
**Douglas Failing** **Date**  
**District 7**

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## 1.0 INTRODUCTION

### ***General Information about the District Work Plan***

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

This DWP presents information about District 7's water bodies, best management practices (BMPs) by each division, monitoring programs, corridor studies and TMDLs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2009-2010. District 7 is responsible for development and implementation of plans for stakeholder participation to meet the TMDL requirements for a given waterbody or watershed. Implementation of Stormwater activities will be conducted in accordance with the procedures presented in the SWMP.

### **Goals and Commitments**

Current goals of District 7 include improving compliance-monitoring practices, enhancing BMP implementation, and extending public outreach. Following are some of the goals for the respective Stormwater Departments:

- To achieve these goals, the District Stormwater Coordinator and Design Stormwater Coordinator have committed to update Treatment BMP spreadsheet for Treatment BMP location. This will facilitate information entry for Table 5-1. This spreadsheet fulfills the requirement from Headquarters to maintain a database of all treatment BMPs implemented in each District, and as a result, the entire department.
- The Design Stormwater Unit facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 7.
- The TMDL Unit participates in implementation plans of adopted TMDLs with waste load allocations assigned to the District.
- The Corridor Studies Unit will oversee the studies for the treatment or reduction of the Department's stormwater discharges, in each identified watershed, by at least 20% below 1994 levels.
- The Construction Stormwater Unit properly implements the SWMP and the DWP within the Division of Construction.

- The Maintenance Unit implements a stormwater program with its allocations that utilizes best management practices for stormwater projection during all of its roadway maintenance activities. The District is committed to applying vegetation control products to minimize usage and/or eliminate pollutant runoff. The District is committed to inspect, repair or clean storm drain systems.
- The Encroachment Permit Stormwater Unit ensures that all permits issued to agencies and other public entities encroaching into the Department's Right-of-Way comply with the NPDES Permit that is consistent with what is required of Maintenance, Construction, and Design.
- The Right-of-Way Stormwater Unit complies with the NPDES permit as required through the SWMP.

The District has also committed to implement BMPs appropriate to the projects, additional education for the staff and the public in partnership with other stakeholders bring the urgency of eliminating stormwater runoff pollution.

### **Major Changes**

There will be no new major changes for the upcoming fiscal year of 2009-2010.

### **DWP Organization:**

- *Chapter 2 - Personnel and Responsibilities* describes personnel with responsibilities for stormwater operations within the District;
- *Chapter 3 - District Facilities and Water Bodies* identifies District facilities;
- *Chapter 4 - Drinking Water Reservoirs and Recharge Facilities* describes and identifies 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;
- *Chapter 5 - Implementation* identifies projects within the design and construction phases;
- *Chapter 6 - Total Maximum Daily Loads* describes and identifies the Total Maximum Daily Loads (TMDLs) for which the District has been named a stakeholder, and a general discussion of planned TMDL actions.

## **2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES**

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

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to 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.

Portions of Caltrans District 7 fall within the jurisdiction of the Los Angeles, Lahontan, Central Valley, and Central Coast Regional Boards. An organizational chart for District 7 stormwater responsibilities is shown in Figure 2–1. Staff members and their responsibilities for implementing the Stormwater provisions within the four Regional Boards' jurisdiction are listed in Table 2–1.

### ***District Stormwater Manager***

The District Stormwater Manager is a manager 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:

- Direct District operations regarding stormwater
- Align District efforts to achieve compliance with the NPDES permit, TMDL compliance, Corridor Studies.
- Be the alternate signatory authority in the District for all compliance documents and commitments regarding stormwater management.
- Manage the issues related to Corridor Studies and TMDL compliance.

### ***District Stormwater Coordinator***

Under the general direction of the District Stormwater Manager, the District Stormwater Coordinator (DSWC) is responsible for developing District stormwater quality policies and guidance, and daily management of the District's stormwater quality program. The DSWC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect the water quality. The DSWC supervises staff, which supports and executes activities of the DSWC

and the Stormwater Program. The responsibilities of the District Stormwater Coordinator include:

- Serve as the primary liaison, “single point of contact,” on stormwater and waste discharge issues between the District and Headquarters, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Interpret and implement the Statewide NPDES and general construction permits. Under the terms of the general construction permits, files Notifications of Construction/Notices of Intent, Notifications of Aerial Deposited Lead to the Regional Board for all applicable projects.
- Provide quality assurance prior to Stormwater Data Report (SWDR) approval; provide water quality guidance for permit compliance issues related to design, construction and maintenance staff. Review any stormwater related documents from Headquarters and other agencies in a timely manner. Act as a lead person and assign work for the Stormwater Unit.
- Participates in the preparation and submittal of reports including District Work Plans and Annual Reports.
- Assist in preparation of responses to Notices of Violation and other actions by regulatory agencies.
- Attend Project Development Team (PDT) meetings, quality review meetings and coordinate with municipalities on stormwater management issues.
- Provide input and clarify concerns regarding stormwater Permanent Treatment BMPs. Get familiar with the details of the project and identify what services will be provided to the Project Engineer. Work with the project engineers to fulfill the requirements for the completion of a Stormwater Data Report (SWDR) and identify the type of document required (Short or Long Form).
- Represent District 7 in the Project Design Stormwater Advisory Team (PDSWAT) and Water Quality Stormwater Advisory Team (WQSWAT). Serve as a representative in the Construction Appeal Panel. Coordinate and address work requests between Headquarters and various functional units in the District.
- Work with Headquarters to develop and review guidance manuals for Stormwater. Coordinate training classes for the District staff.
- Represent in various Public Education activities within the District such as Bring Your Child to Work Day, Los Angeles County Fair, Beach Cleanup Day, etc.
- Review task orders, technical studies published by the District and Headquarters.
- Assisting hydraulic engineers to oversee the development of the new Storm Drain Systems Inventory (SDSI) databases and maintenance of the existing databases.

## ***Design Stormwater Coordinator***

The Design Office of Branch C, through its Landscape Architecture and Stormwater Design Units, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 7. The responsibilities of the Design Stormwater Coordinator include:

- Target and stress the implementation of Design Pollution Prevention and Treatment BMPs wherever practicable on District projects.
- Attend PDT meetings.
- When requested, attend field reviews with the Project Engineer (PE) to identify project details and field conditions, and potential locations for the incorporation of Treatment BMPs.
- Evaluate and recommend permanent control and treatment control measures for addressing project stormwater impacts. Help identify costs related to water pollution and erosion control in PR and plans, specifications and estimates (PS&E). In PS&E phase, coordinate treatment design with the Hydraulics and Landscape sections, which will continue to prepare the PS&E.
- Enforce District Directive DD-20, Design Policy concerning Slope Stabilization Design. For slopes steeper than 1:4, project reports are reviewed and approved for slope stabilization. For projects having 1:2 slopes or steeper, review and provide written concurrence by approving the design or landscape portion of the SWDR.
- Review all SWDRs with emphasis on the sections that deal with Design Pollution Prevention and Treatment BMPs.
- Sign-off on SWDRs as the designated Landscape Architect Reviewer..
- Participate in the PDSWAT and WQSWAT.
- Assist and provide guidance in development of new specifications, details, and guidance materials related to erosion and sediment control.
- Provide guidance in the preparation of contract PS&E to address erosion and sediment controls for projects.
- Responsible for the Implementation of the Districts annual Element Plan as defined in the Court Stipulation between District 7 and the National Resource Defense Council (NRDC).

### ***Total Maximum Daily Load Stormwater Coordinator***

The responsibilities of the Total Maximum Daily Load (TMDL) Stormwater Coordinator include:

- As a focal contact person for TMDL compliance, the District 7 TMDL Coordinator represents the District to coordinate matters related to TMDLs with the USEPA, the Regional Boards, other regulatory agencies and local municipalities within the responsible boundaries of District 7.
- Coordinate with other local agencies to promote group compliance of the TMDLs and jointly assist the Regional Water Quality Control Boards in developing future TMDLs.
- Participates with watershed stakeholder groups in TMDL developments and watershed management, coordinates TMDL related matters with District staff, other Districts and HQ.

### ***Corridor Studies Manager***

The Corridor Studies Manager oversees the Corridor Studies to be prepared by the consultants. The Corridor Studies will oversee the studies for the treatment or reduction of the Department's stormwater discharges, in each identified watershed, by at least 20% below 1994 levels. The responsibilities of the Corridor Studies Manager include:

- Analyze, identify and assess proposed BMP opportunities and sites, locations and water quality volumes. Present how the placement of BMPs will or will not meet the overall requirement of 20% reduction or treatment in each identified watershed.
- Determine the technical feasibility of implementing treatment BMPs in the corridors,
- Compare the effectiveness of the treatment BMPs to the cost
- Identify and evaluate possible locations of treatment BMPs.
- Implement the recommendations of these Corridor Studies into appropriate new construction and major reconstruction projects as the projects are developed in these 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 Construction Stormwater Coordinator include:

- Conduct inspections to assist the RE in ensuring that stormwater controls are implemented on construction sites and to assist the REs in reviewing Stormwater Pollution Prevention Plans (SWPPPs) and WPCPs for adequacy. Provides training to District construction personnel.
- Serve as the primary point of contact for stormwater issues during the construction phase.
- Develop and administer stormwater training for Construction staff.
- Review and SWPPPs Water Pollution Control Plans (WPCP).
- Track critical compliance milestones that occur before and during the course of construction.
- Conduct final project closeout inspections.
- Assist project engineers in developing a construction site BMP strategy for SWDRs.
- Submit the Notice of Completion of Construction for SWPPP projects
- Submit approved SWPPPs to the RWQCBs.
- Provide oversight inspections for SWPPP projects.
- Submit reports to the RWQCBs as requested.
- Prepare and submit Illicit Connection/Discharge Reports for Construction
- Provide input to the Annual Report.
- Participate on 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, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

### ***Maintenance Stormwater Coordinator***

The Maintenance Stormwater Coordinator is the primary contact for Maintenance stormwater issues. The maintenance coordinator coordinates, tracks and reports the District's response to illicit connections/illegal discharges (IC/IDs) and non-permitted non-stormwater discharges. 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, and prepares materials for the District's maintenance portion of the Annual Report.

Coordinates with Headquarters Division of Maintenance to arrange for training of District personnel in Stormwater Quality Management.

### ***Encroachment Permits Stormwater Coordinator***

The responsibilities of the Encroachment Permits Stormwater Coordinator include:

- Issue permits to local agencies, school districts, utility companies, and private developers proposing to encroach into the Department's Right-of-Way for construction, maintenance, or other special activities consistent with their organization. The Encroachment Permits Stormwater Coordinator (EPSWC) is a member of the SWMC responsible for ensuring that the District Office of Permits complies with the NPDES Permit, SWMP, RWP, and the EPSWAT Charter. The EPSWC ensures that all permits issued to those encroaching into the Department's Right-of-Way comply with the Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.
- Serve as the single point of contact on stormwater and waste discharge issues for the District Encroachment Permit Office (DEPO).
- Represent the DEPO on the District's DWP.
- Review encroachment permit applications to ensure compliance with current Caltrans stormwater policies and guidelines.
- Review SWPPPs, WPCP, and erosion control plans for Caltrans compliance and verify proper application of approved BMPs.
- Conduct stormwater related field inspections of encroachment type construction activities to assist and support Permit Inspectors with BMP implementation.
- Assist HQ Encroachment Permits in providing stormwater training programs for the DEPO.
- Assist HQ Encroachment Permits in reviewing stormwater related documents and specific Task Orders.

- Represent District 7 in the Encroachment Permits Stormwater Advisory Team (EPSWAT) and disseminate new policies and procedures to the DEPO staff.
- Notify the DSWC of discharges or situations that appear to be in gross violation of the Department's NPDES Permit, SWMP, or RWP.

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

The responsibilities of the Right-of-Way (ROW) Stormwater Coordinator include:

- Attend all Stormwater Management Coordinator (SWMC) meetings to report on Right-of-Way activities.
- Ensure that stormwater training is available to Right-of-Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include stormwater inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed stormwater property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department stormwater policy to all Right-of-Way staff involved in stormwater inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in violation of Department' Permit, SWMP, or DWP.
- Report instances where Right-of-Way may conduct construction activities that require the development of a SWPPP and related notification.

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

**Table 2-1: District 7 District 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 Districts.
Shirley Pak	District Stormwater Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Main point of contact with HQ and other SW 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	Develop to target and stress the implementation of Permanent Best Management Practices (BMP's) wherever practicable on District Projects.
Bob Wu	TMDL Stormwater Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	As a focal contact person for TMDL compliance, District TMDL Coordinator represents the District to coordinate matters related to Total Maximum Daily Loads (TMDLs) with the US Environmental Protection Agency, the Regional Water Quality Control Boards, other regulatory agencies and other municipalities within the responsible boundaries of District 7.
Timothy Tieu	Corridor Study Manager	(213) 897-2584	Timothy_H_Tieu@dot.ca.gov	Oversees the Corridor studies to be prepared by the consultants. The studies are to evaluate potential locations for treatment BMPs throughout District 7.

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
James Burt	Construction Stormwater Coordinator	(213) 897-1960	James_Burt@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 to NRDC.
Roger E. Castillo	Maintenance Stormwater Coordinator	(213) 620-6318	Roger_E_Castillo@dot.ca.gov	Manage for District office 'maintenance' stormwater staff. Coordinating, tracking and reporting the District's response to illicit connections/illegal discharges (IC/IDs) and non-permitted non-stormwater discharges.
Edward Delano	Encroachment Permits Stormwater Coordinator	(213) 897-0095	Edward_Delano@dot.ca.gov	Responsible for reviewing permits from local agencies, utility companies, school districts, private developers to ensure all permits issued to Permittees encroaching into the Department's Right-of-Way are in compliance with the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design. Provide additional stormwater field support to Permit Inspectors. Single point of 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	This Coordinator is responsible to: Ensure that stormwater training is available to Right-of-Way Agents tasked with property inspection responsibilities; Ensure that regular property inspections include stormwater inspections.

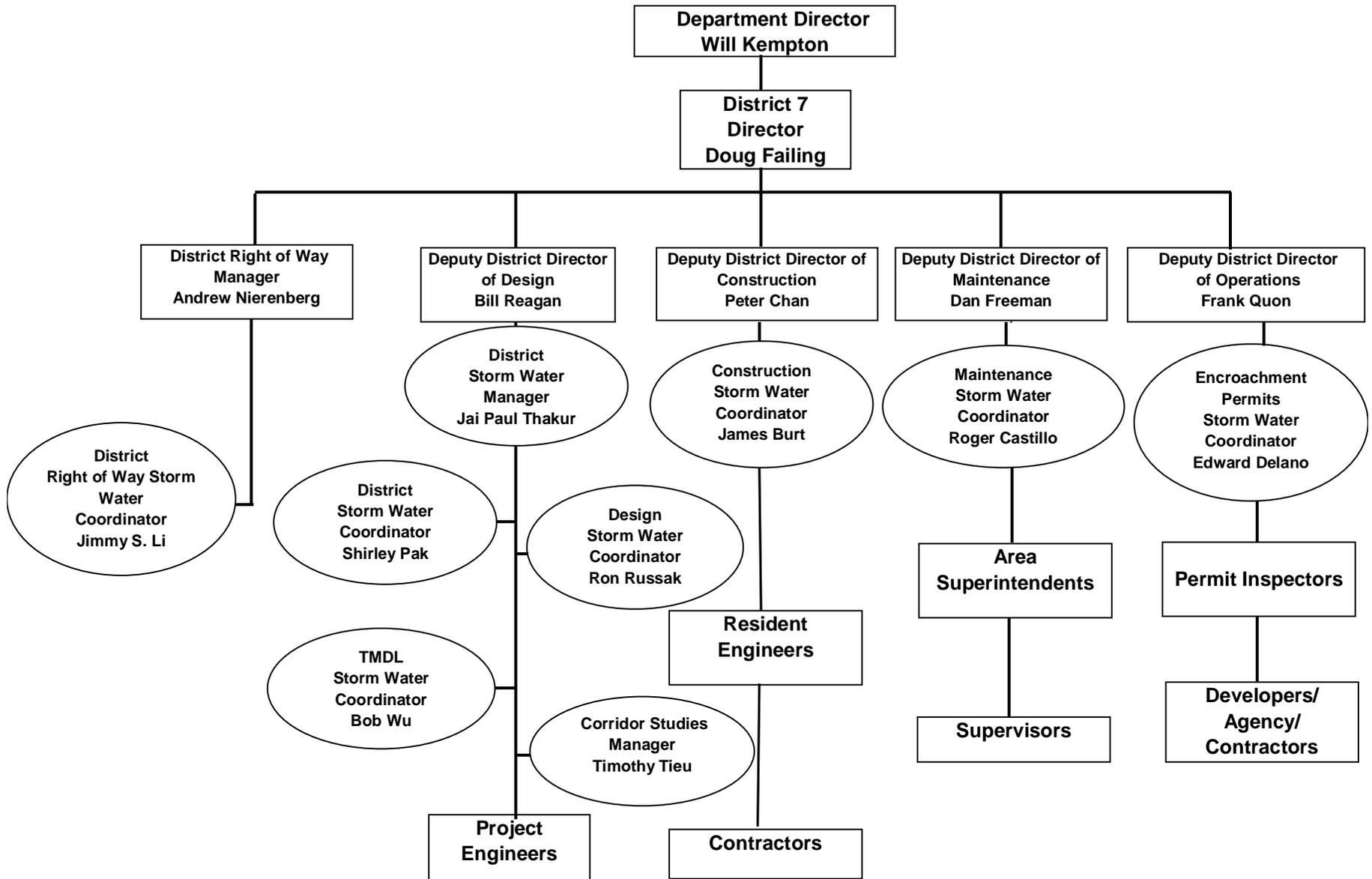
Table 2–2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater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

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

<b>Positions or Individuals</b>	<b>Documents Authorized for Signature</b>
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

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

Figure 2-1: District 7 Organizational Chart



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### 3.0 DISTRICT FACILITIES AND WATER BODIES

Chapter 3 of the DWP identifies maintenance stations (including identification of crew function and street address), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, and toll road and bridge plazas (see Table 3-1). In addition, this chapter contains a map (see Figure 3-1) depicting the roadways, significant water bodies, and RWQCB watersheds (Hydrologic Unit Boundaries).

**Table 3-1: District 7 Facilities**

County	Route	Post Mile	Regional Board	Name	Comments
<b>Maintenance Stations</b>					
LA		0.0	4	Century	Highway Maintenance, 5360 Imperial Hwy, Los Angeles, CA 90045
LA		0.0	4	Felton Maintenance	Sweeping and Spray Crew, 11514 Felton Ave., Los Angeles, CA 90250
LA	2	1.8	4	Altadena	Highway Maintenance, 2122 North Windsor, Altadena, CA 91011
LA	2	48.5	5	Chilao	Highway Maintenance, Star Route, La Canada, CA 91011
LA	5	1.5	4	Lebec	Highway Maintenance, 36282 Golden State Hwy, Lebec, CA 93243
LA	5	10.3	4	Central/Bandini	Highway Maintenance, 7300 E. Bandini Blvd, Commerce, CA 90040
LA	5	19.2	4	Los Angeles	District 7 Office, 100 S. Main St., Suite 100, Los Angeles, CA 90012
LA	5	22.5	4	Silver Lake	Highway Maintenance, 2187 Riverside Drive, Los Angeles, CA 90039
LA	5	28.8	4	Burbank Electrical	Special Crews, 524 South Flower St., Burbank, CA 91502
LA	5	31.2	4	Buena Vista	Landscape Maintenance, 2600 N. San Fernando Road, Burbank, CA 91504
LA	5	55.3	4	North Region	Highway Maintenance, 28820 N. Old Road, Valencia, CA 91355
LA	5	10.75	4	Commerce/Central	7300 East Bandini Blvd, Los Angeles, CA 90040
LA	10	8.8	4	Apple St.	Landscape Maintenance, 5700 Apple St, Los Angeles, CA 90016

County	Route	Post Mile	Regional Board	Name	Comments
LA	10	14.3	4	Middleburry	Landscape Maintenance, 1146 West 20 <sup>th</sup> St, Los Angeles, CA 90007
LA	10	17.0	4	Alameda	Highway Maintenance Special Crew, 1740 East 15 <sup>th</sup> Street, Los Angeles, CA
LA	14	67.4	6	Lancaster	Highway Maintenance, 44023 Sierra Hwy, Lancaster, CA 93534
LA	47	1.9	4	Bridge Crew	Special Crews, 133 Seaside Ave., Terminal Island, CA 90731
LA	47	2.29	4	Vincent Thomas Bridge Paint Crew	400 North Seaside Ave, Terminal Island, CA 90731
LA	57	4.5	4	Diamond Bar Maintenance Station	Highway Maintenance, 21420 E. Golden Springs Road, Diamond Bar, CA 91770
LA	60/710	24.46	4	East LA Road Crew	Highway Maintenance, 4425 East 3 <sup>rd</sup> Street, Los Angeles, CA 90022
LA	60	11.9	4	East Region Office and Whittier Road Crew	Highway/Landscape Maintenance 1940 S. Workman Mill Rd., Whittier, CA 90601
LA	60	29.5	4	Pomona	2650 S. Garey Ave, Pomona, CA 91766
LA	90	2.5	4	Culver City/Sawtelle	Highway/Landscape Maintenance 5650 Selarine Drive, Culver City, CA 90230
LA	91	15.7	4	Bellflower	Highway Maintenance, 10147 Flora Vista St, Bellflower, CA 90701
LA	91	17.0	4	Cerritos	Landscape Maintenance 16849 Studebaker Road, Cerritos, CA 90701
LA	101	4.5	4	Hollywood Road Crew	Highway Maintenance, 609 Heliotrope Dr., Los Angeles, CA 90004
LA	101	11.2	4	North Hollywood	Highway Maintenance, 11210 Moorpark St., N. Hollywood, CA 91062
LA	105	1.5	4	South Regional Office/Century	5360 West Imperial Highway, Los Angeles, CA 90045
LA	405	29.1	4	Westdale Maintenance Station	2733 S. Sepulveda Blvd., Los Angeles, CA 90064
LA	107	4.3	4	Torrance Yard	Landscape Maintenance, 18101 Bailey Drive, Torrance, CA 90504
LA	126	11.4	4	Newhall	Highway Maintenance 23922 San Fernando Rd., Newhall, CA 91321
LA	126	12.1	4	Harvard St	Landscape Maintenance, 1100 Harvard St, Santa Paula, CA 93060

County	Route	Post Mile	Regional Board	Name	Comments
LA	134/5	5.3	4	Doran St. Mobile Paint Crew	Special Crew/Bridge painting 943 W. Doran Street, Glendale, CA 91203
LA	164	6.7	4	Rosemead	Highway Maintenance 9153 East Lower Azusa Road, Rosemead, CA 91770
LA	170/134	0.034	4	Equipment Service Center Main Shop Office	Equipment repair, 5421 Vineland Ave, North Hollywood, CA 91601
LA	210	34.9	4	Foothill	Highway Maintenance, 850 E. Huntington Dr, Monrovia, CA 91016
LA	405	2.2	4	Willow Street Electrical Crew	Special Crews, 5510 E. Willow St, Long Beach, CA 90815
LA	405	7.2	4	Pacific Place	Landscape Maintenance 3725 Pacific Place, Long Beach, CA 90806
LA	405	8.1	4	Long Beach	Highway Maintenance, 22101 Santa Fe Ave, Long Beach, CA 90810
LA	405	13.3	4	Artesia	Landscape Maintenance, 911 West 190 <sup>th</sup> St, Gardena, CA 90247
LA	405	29.5	4	Westdale	Highway Maintenance, 2733 South Sepulveda, Los Angeles, CA 90064
LA	405	31.5	4	Westwood Engineer's office	1200 S. Sepulveda Blvd, Los Angeles, CA 90025
LA	405	48.6	4	San Fernando	Highway Maintenance, 11930 Blucher St., Granada Hills, CA 91344
LA	605	9.5	4	Florence	Highway Maintenance, 10903 Florence Ave, Downey, CA 90240
LA	710	24.6	4	Humphrey St/East LA	Highway/Landscape Maintenance, 4425 E. 3 <sup>rd</sup> St, Los Angeles, CA 90022
VEN	1	3.8	4	Big Sycamore	Highway Maintenance, 9077 Pacific Coast Hwy, Oxnard, CA 93030
VEN	1	43.7	4	Las Flores	Highway Maintenance, 3503 Las Flores Canyon Road, Malibu, CA 90265
VEN	33	11.2	4	Ojai Yard	Highway Maintenance, 1116 Maricopa Hwy, Ojai, CA 92023
VEN	101	12.3	4	Camarillo	Highway Maintenance, 4821 Adohr Lane, Camarillo, CA 93012
VEN	101	21.2	4	Tarzana	Highway Maintenance, 5660 Reseda Blvd, Tarzana, CA 91356
VEN	101	30.9	4	Ventura	Highway Maintenance, 157 South Garden St, Ventura, CA 93001

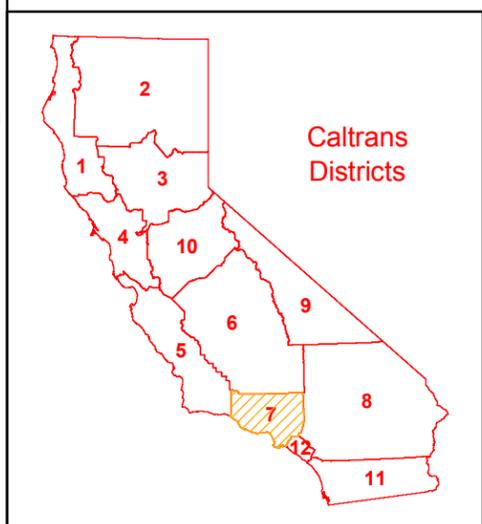
County	Route	Post Mile	Regional Board	Name	Comments
VEN	118	9.8	4	Antelope Valley Sign Crew	Highway sign install and maintain; 15603 Chatsworth St, Mission Hills, CA 91345
VEN	118	17.2	4	Moorpark	Highway Maintenance, 626 Fitch, Moorpark, CA 93021
VEN	126/150	12.0	4	Santa Paula Landscape station	Landscape maintenance, 1100 East Harvard St., Santa Paula, CA 93060
VEN	126	20.4	4	Filmore Maintenance Station	Highway Maintenance, 1261 Ventura Street, Filmore, CA 93015
<b>Vista Points</b>					
KERN	14	57.8	6	Lamont-Odet	Vista Point
<b>Commercial Vehicle Enforcement Facilities</b>					
LA	5	R54.4	4	Castaic	Northbound (NB)
VEN	101	9.2	4	Conejo	Southbound (SB)
VEN	101	9.0	4	Conejo	NB
LA	405	12.2	4	Carson	SB
LA	405	11.7	4	Carson	NB
<b>Park and Ride Facilities</b>					
LA	105	3.7	4	Hawthorne Blvd.	Route 105 at Hawthorne Blvd in Hawthorne
LA	105	5	4	Crenshaw	Route 105 on 120th St, Inglewood
LA	105	7.4	4	Vermont Avenue	Route 105 at Vermont Avenue, Athens
LA	105	7.7	4	Century/Harbor Jct.	Route 105 & Route 110 near Hoover St, in Los Angeles
LA	105	8.9	4	Avalon	Route 105 at Avalon in L.A.
LA	105	10.4	4	Willowbrook	Wilmington (Blue Line), Willowbrook
LA	105	11.6	4	Long Beach Blvd.	Route 105 at Long Beach Blvd, Lynwood
LA	105	17.4	4	Lakewood Blvd.	Route 105 at Lakewood Blvd, Downey
LA	105	18.8	4	I-105 Termination	Route 105 at Studebaker, Norwalk
LA	110	1.2	4	San Pedro II	515 N. Beacon at Harbor in San Pedro
LA	110	1.3	4	San Pedro	Battery and Gaffey Streets
LA	110	6.8	4	Carson	Route 110 at Carson St in Los Angeles County
LA	110	15.8	4	Manchester	Route 110 at Manchester in Los Angeles
VEN	118	17.5	4	Moorpark College	Route 118 at Collins Ave in Moorpark

County	Route	Post Mile	Regional Board	Name	Comments
VEN	118	25.7	4	Sycamore Dr.	Sycamore Dr. IC SW corner in Simi Valley
VEN	118	28.8	4	Stearns-Simi	SE corner Stearns St in Simi Valley
LA	126	12.2	4	Oak Creek Ave.	0.5 miles W Rte. 14
LA	170	16.6	4	Oxnard Street	SE corner Oxnard St IC in N Hollywood
LA	210	R16.1	4	Lowell	SE corner Lowell Ave in Glendale
LA	210	R41.5	4	Grand Ave	SE corner Grand & Baseline in Glendora
LA	210	6.0	4	Paxton	SE corner Paxton St in Pacoima
LA	210	29.4	4	Sierra Madre Blvd.	Sierra Madre Blvd. at Route 210
LA	210	44.2	4	Lone Hill	Route 210 at SE corner Lone Hill in Glendora
LA	210	47.2	4	Via Verde	Via Verde IC NW corner in San Dimas
LA	405	43.0	4	Van Nuys Blvd.	NE corner Van Nuys Blvd/Keswick
LA	138	25.1	4	Pearblossom	Located at route 138 and Hwy 14 interchange in Palmdale.
<b>Toll Road and Bridge Plazas</b>					
None					

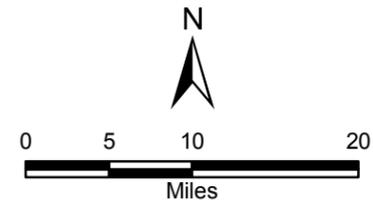
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**Maintenance Station Addresses**

Co-Rte-PM	Name	Street Address	City and Zip Code
<b>Los Angeles Regional Board (Region 4)</b>			
VEN-13.8	Big Sycamore	9077 Pacific Coast Hwy	Oxnard 93030
VEN-143.7	Las Flores	3503 Las Flores Canyon Road	Malibu 90265
LA-2-18	Altadena	2122 Windsor Avenue	Altadena 91011
LA-2-48.5	Chilao	Star Route	La Canada 91011
LA-5-10.3	Central Bandini and Special Crews Reg	7300 East Bandini Blvd	Los Angeles 90040
LA-5-19.2	District 7 Office	100 S Main Street, Suite 100	Los Angeles 90012
LA-5-22.5	Silver Lake	2187 Riverside Drive	Los Angeles 90039
LA-5-28.8	Burbank Electrical	524 S Flower Street	Burbank 91502
LA-5-31.2	Buena Vista	2600 N San Fernando Road	Burbank 91504
LA-5-55.3	Valencia and North Region	28820 N Old Road	Valencia 91355
LA-10-8.8	Apple Landscape	5700 Apple Street	Los Angeles 90016
LA-10-14.3	Middlebury	1146 W 20th Street	Los Angeles 90007
LA-10-17.0	Alameda	1740 E 15th Street	Los Angeles 90021
VEN-33-112	Ojai Yard	1116 Maricopa Hwy	Ojai 92023
LA-47-19	Bridge Crew	133 Seaside Avenue	Terminal Island 90731
LA-47-2.2	Vincent Thomas Paint	400 N Seaside Avenue	San Pedro 90731
LA-57-4.5	Diamond Bar	21420 E Golden Springs Road	Diamond Bar 91770
LA-60-119	Whittier and East Region	1940 Workman Mill Road	Whittier 90601
LA-60-29.5	Pomona	2650 S. Garey Avenue	Pomona 91766
LA-90-2.5	Culver City/Sawtelle	5650 Selarine Drive	Culver City 90230
LA-91-15.7	Bellflower	10147 Flora Vista Street	Bellflower 90701
LA-91-17.0	Cerritos	16849 Studebaker Road	Cerritos 90701
LA-101-4.5	Hollywood Road Crew	609 N Heliotrope Drive	Los Angeles 90004
LA-101-112	North Hollywood	1210 Moorpark Street	North Hollywood 91062
VEN-101-12.3	Camarillo and West Region	4821 Adohr Lane	Camarillo 93012
VEN-101-21.2	Tarzana	5660 Reseda Blvd	Tarzana 91356
VEN-101-30.9	Ventura	157 S Garden Street	Ventura 93001
LA-105-15	Century and South Region	5360 Imperial Hwy	Los Angeles 90045
VEN-118-9.8	Antelope Valley	15603 Chatsworth Street	Mission Hills 91345
VEN-118-17.2	Moorpark	626 Fitch Avenue	Moorpark 93021
LA-126-114	Newhall	23922 San Fernando Road	Newhall 91321
LA-126-12.1	Harvard Street/Santa Paula	1100 Harvard Street	Santa Paula 93060
VEN-126-20.4	Fillmore	1261 Ventura Street	Fillmore 93015
LA-134-0.0	Equipment Service Center	5421 Vineland Avenue	North Hollywood 91601
LA-134-5.1	Doran Street	943 W Doran Street	Glendale 91203
LA-164-6.7	Rosemead	9153 E Lower Azusa Road	Rosemead 91770
LA-210-34.9	Foothill	850 E Huntington Drive	Monrovia 91016
LA-405-2.2	Willow Street Electrical Crew	5510 E Willow Street	Long Beach 90815
LA-405-7.2	Pacific Place	3725 Pacific Place	Long Beach 90806
LA-405-8.1	Long Beach	22101 Santa Fe Avenue	Long Beach 90810
LA-405-13.3	Artesia	911 W 190th Street	Gardena 90247
LA-405-29.5	Westdale	2733 South Sepulveda Blvd	Los Angeles 90064
LA-405	Felton	1514 Felton Avenue	Los Angeles 90250
LA-405-31.5	Westwood Engineer's Office	1200 S Sepulveda Blvd	Los Angeles 90025
LA-405-48.6	San Fernando	1930 Blucher Avenue	Granada Hills 91344
LA-605-9.5	Florence	10903 Florence Avenue	Downey 90240
LA-710-24.6	Humphrey St/East LA	4425 E 3rd Street	East Los Angeles 90022
<b>Central Valley Regional Board (Region 5)</b>			
LA-5-15	Lebec	36282 Golden State Hwy	Lebec 93243
<b>Lahontan Regional Board (Region 6)</b>			
LA-14-67.4	Lancaster	44023 Sierra Highway	Lancaster 93534



RWQCB Index	
RB3	Central Coast Region
RB4	Los Angeles Region
RB5	Central Valley Region
RB6	Lahontan Region



**Legend**

- Major City
- Caltrans Roadway
- ▲ Rest Area
- Caltrans Boundary
- Maintenance Station
- RWQCB Boundary
- Park & Ride
- Hydrologic Unit
- ⊞ Vista
- County Boundary

**Figure 3-1**  
**District 7 RWQCB and H.U. Boundaries**

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## 4.0 DRINKING WATER RESERVOIRS AND RECHARGE FACILITIES

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

A list of drinking water reservoirs and recharge facilities within District 7 is presented in Table 4-1. Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities.

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

**Table 4-1: District 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 23	LA	4	Rio Hondo Coastal Spreading Ground	Located in the cities of Montebello and Pico Rivera Basin, the spreading ground is shallow 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.	Rio Hondo is situated over a geologic uplift in the Central Basin. Rio Hondo Spreading Grounds are holding ponds that collect local stormwater runoff, imported water and highly treated recycled water, which allows the water to percolate from the surface of the ground into the aquifers below ground.
SR 5 PM 41-43	LA	4	Lower San Fernando Stormwater Detention Basin	A large reservoir 1.6 miles long and 130 feet deep.	The reservoir works in conjunction with the main Los Angeles Aqueduct System, which supplies 80% of the City's water.

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 5 PM 41.5 - 43	LA	4	Los Angeles Reservoir	This 10,000 acre foot 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 Los Angeles Reservoir replaced the Van Norman Reservoirs, which were damaged during the February 9, 1971 earthquake. Several major water pipelines radiating from this facility carry water across the San Fernando Valley into other areas of the city.
SR 5, PM 39.3  SR 118, PM 11.8	LA	5	Pacoima Spreading Ground	This shallow basin has a gross area of 169 acres and wetted area of 107 acres. Its channel capacity is 600 cfs and storage capacity is 440 acre-feet. Located on both sides of old Pacoima Wash Channel from Arleta Avenue southwest to Woodman Avenue, and Interstate 5, State Route 118 Interchange.	The Los Angeles County Flood Control District (LACFCD) owns and operates the spreading grounds to replenish groundwater in the San Fernando Basin with runoff of local rainfall, tributary water. LACFCD will allow the use of unused capacity in the spreading grounds for imported water once all tributary water has been spread.
SR 10, PM 39	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 are 150 cfs and its storage is 170 acre-feet.	This is a natural basin and there is no dam holding back the water. It is controlled by the LACFCD from Puddingstone Reservoir and flows uncontrolled from Walnut Creek. The Spreading Ground Basin is located in the City of Covina, just north of Garvey Avenue North and west of Grand Avenue.
SR 23, PM 1-3	Ventura	4	Las Virgenes Reservoir	The reservoir is capable of holding up to 9,800 acre-feet of water stored in times of high supply and from natural rain runoff.	The reservoir was built to assure reliable potable water delivery in time of drought, in emergency, or if regular supplies from the Metropolitan Water District of Southern California (MWD) are interrupted.

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 27, PM 16-18	LA	4	Chatsworth Reservoir	The reservoir is 607 acres with a storage capacity of 9,886 acre-feet.	The reservoir is owned by the City of Los Angeles and was constructed in 1918.
SR 39, PM 15-16.5	LA	4	San Gabriel Canyon Spreading Ground	Located east of San Gabriel River and below mouth of San Gabriel Canyon, north of the City of Azusa. This basin has a gross area and wetted area of 196 acres as well. There are 2 intakes to this facility, one is fed from surplus "Committee of Nine" flows; the other is from the river into basin Number 2. The capacity of the channel is 41,000 to 98,000 cfs. The percolation rate is 180 cfs.	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 17.5-26.0: LA 605 0-24	LA	4	San Gabriel River Reservoir	This is located in the San Gabriel Canyon, 7.5 miles north of the City of Azusa. The main use and purpose of the reservoir is for flood control and water conservation.	
SR 210 PM 22	LA	4	Devils Gate Dam	Devils Gate Dam is on the Arroyo Seco River in Los Angeles County, California. Devils Gate is a gravity dam. Its height is 103 feet with a length of 252 feet. Normal storage is 2,600 acre feet. It drains an area of 29.7 square miles.	Construction was completed in 1920. At normal levels, it has a surface area of 110 acres. It is owned by Los Angeles County Department of Public Works. It is used for drinking water, fish and wildlife protection and flood control, among other things.

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 60/605, SW Quadrant	LA	4	Whittier Narrows Flood Control Basin	The purpose of the project is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam. It is fed by the Walnut Creek Wash and any overage should flow down the storm channel from this location.	The dam provides water conservation storage and is also the central element of the Los Angeles County Drainage Area flood control system.
SR 101, PM 187-20: SR 405 PM 40	LA	4	Sepulveda Flood Control Reservoir	The purpose of the reservoir is to collect flood runoff from the uncontrolled drainage areas upstream, store it temporarily, and release it to the Los Angeles River.	The reservoir is a flood control project constructed by the Army Corps of Engineers.
SR 170, PM 20 SR 5, PM 37	LA	4	Branford Spreading Basin/Tujunganga Spreading Ground	Located southwest of Arleta Avenue above the confluence of Tujunganga Wash and Pacoima Diversion Channel. Instream spreading facility. 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.	The LACDPW spreads imported water from MWD and the SGVMWD in the facility. The source of the water is uncontrolled flows from the Branford Street drain.
SR 605 PM 25-26; SR 210, PM 36-37	LA	4	Santa Fe Flood Control Basin	The Santa Fe Flood Control Basin can be found on the Baldwin Park USGS quad topo map. Santa Fe Flood Control Basin is a reservoir in Los Angeles County in the state of California.	The latitude and longitude coordinates for this reservoir are 34.1131, -117.9695 and the altitude is 469 feet (143 meters).

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 710, PM 10-11	LA	4	Dominguez Gap, Spreading Ground	Dominguez Gap Basin was identified as potential site for wetland restoration. The wetland will optimize water quality improvement and recharge groundwater.	
SR 33, PM 15	Ventura	4	Matilija Reservoir	The dam is 198 feet high and is currently being considered for removal by the County of Ventura, along with other local, state, and federal agencies	
SR 138, Three Points Rd – 240 <sup>th</sup> Street, PM 43.41 –75.0	LA	6	California Aqueduct	The California Aqueduct is one of three major aqueducts running through the desert of California. Part of the State Water Project, it brings water to the south from the Sacramento River in the north. The aqueduct primarily serves the agricultural industry of the Central Valley, but is a major water source for the Los Angeles region as well.	The aqueduct splits in southern Kern County, with one branch leading to Castaic Lake, and the other, the East Branch, heading through the Antelope Valley and south to Lake Perris in Riverside County. The California Aqueduct distributes water to more remote desert areas through several pipelines, like the Morongo Valley Pipeline, and the Mojave River Pipeline, which injects water into the ground under the course of the Mojave River, where the aquifer is nearly depleted.

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## **5.0 IMPLEMENTATION OF THE STORMWATER PROGRAM**

### ***Goals and Commitments***

The goals of each Stormwater unit are summarized as follows:

- District Stormwater Coordinator, Design Stormwater Coordinator maintain a database of all treatment BMPs in District 7.
- Design Stormwater facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 7.
- The TMDL Unit participates in implementation plans of adopted TMDLs with waste load allocations assigned to the District.
- The Corridor Studies Unit will oversee the studies for the treatment or reduction of the Department's stormwater discharges, in each identified watershed, by at least 20% below 1994 levels.
- The Construction Stormwater Unit properly implements the SWMP and the DWP within the Division of Construction.
- The Division of Maintenance implements a stormwater program with its allocations that utilizes best management practices for stormwater projection during all of its roadway maintenance activities. The District is committed to applying vegetation control products to minimize usage and/or eliminate pollutant runoff. The District is committed to inspect, repair or clean storm drain systems.
- The Encroachment Permit Stormwater Unit ensures that all permits issued to agencies and other public entities encroaching into the Department's Right-of-Way comply with the NPDES Permit that is consistent with what is required of Maintenance, Construction, and Design.
- The Right-of-Way Stormwater Unit complies with the NPDES permit as required through the SWMP.

### ***Coordination and Partnerships***

In coordination with public agencies, such as the Los Angeles County Department of Public Works, City of Los Angeles, the partnership implements goals to reduce the amount of pollutants and litter in the southern California. This is done through the public campaign to increase awareness and to promote a clean environment, public hearings, conferences, informational meetings. BMPs such as litter removal devices and erosion control are being planned and implemented in the design and construction phases. This is commonly

produced through independent projects instead of implemented within another type of project.

As described in Chapter 6 of this DWP, District 7 is continuing to participate in various stakeholder groups including private and public agencies in an effort to comply with various TMDLs. In addition, the District has retained a consultant to look for the collaborative opportunities with other municipal agencies in identifying BMPs through out the District. The consultant has submitted the draft Technical Memorandum dated December 2008 (Contract No. 43A0182, Task Order 30, Task 1) identifying such opportunities. District 7 staff will review these identified sites where collaborative development of treatment BMPs would be advantageous, and identify sites to pursue further study. The types of additional analysis may include pilot studies, preliminary discussions with regional stakeholder groups, conducting a cost-benefit analysis, watershed modeling, and/or BMP implementation. Opportunities to coordinate with stakeholders on monitoring or TMDL implementation will be pursued.

### ***Educational Efforts***

The District Educational efforts begin with training for the Project Planning Design Guide to the project engineers. Other training that has been and will continue to be advantageous for the project engineers include:

Division of Design:

- Treatment BMP training,
- Stormwater Data Report training,
- Permanent Erosion Control for Designers,

Division of Construction:

- Construction Site BMP training
- Field Application Training for Erosion and Sediment Control BMPs on Caltrans Construction Sites,
- Management of Construction Site Dewatering Operations,

Division of Operations:

- In compliance with current training requirements, the Encroachment Permits Office ensures that, in all permits which require a SWPPP, the Preparer and Water Pollution Control Manager (WPCM) both obtain the Caltrans approved 24-hour Stormwater training (or equivalent Professional Certifications). This requirement should provide consistent selection, implementation, and maintenance of construction site temporary BMPs. As a result, such BMPs will be easier to

review, inspect, and oversee. This is particularly important, since most Permittees, which consist of local agencies, school districts, private developers, and contractors, are not familiar with the specific requirements of the Caltrans Stormwater Program. Especially when their scope of work involves encroachment into the State Right-of-Way.

### ***Specific Project Information***

Chapter 5, Table 5-1 of the DWP identifies specific project work planned for the year within the development phases of Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction. The anticipated schedule of construction and maintenance activities is subject to change. These projects are limited to those meeting any of the following criteria:

1. Equal to or greater than 1 acre of disturbed land area, including area of a new bridge
2. Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in chapter 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

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

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

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

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

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

**Table 5-1: District 7 Anticipated Project Development and Construction Schedule**

No.	EA	Project Location				Regional Board	Project Description <sup>1, 2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
1	25870	LA	0	0	0	4	LA County in LA @ Various Locations, Soil Stabilization & Revegetation		N	*		Dec-09	May-10	Apr-11	Mar-12
2	25880	LA	0	0	0	4	LA County in LA @ Various Locations, Soil Stabilization & Revegetation		N	*		Dec-09	May-10	Apr-11	Mar-12
3	25900	LA	1	1		4	LA County in LA River metals TMDL, Sand Filters & Infiltration Devices	San Gabriel River Estuary -(303d)	Y	*		Aug-09	Jul-10	Dec-10	Nov-11
4	22820	VEN	1	22.4	26.7	4	Construct Seawalls (Structures Restoration)	Santa Clara River-(303d)	Y	2.38		Sep-04	Dec-10	Jan-11	Oct-13
5	22050	LA	1	23.7	23.9	4	Roadway Widening	none	N	0.67		Nov-06	Nov-11	Dec-11	Dec-13
6	21420	LA	2	24.4	82.3	4, 6	Cold plane and	none	N	11.52		Oct-01	Dec-	Nov-	Sep-

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

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

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

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

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

\* Disturbed Soil Area is not available at this time.

No.	EA	Project Location				Regional Board	Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
							rubberized AC, Pavement Rehabilitation					04	05	09	
7	25850	LA	5	0	0	4	LA County in LA @ Various Locations, Soil Stabilization & Revegetation		N	2.59	E	Aug-09	Jan-10	Apr-10	Mar-11
8	25860	LA	5	0	0	4	LA County in LA @ Various Locations, Soil Stabilization & Revegetation		N	*		Aug-10	Jan-11	Apr-11	Mar-12
9	25350	LA	5	0	11.6	4	Upgrade median barrier	Rio Hondo Reach 1, Coyote Creek, San Gabriel River Reach 2-(303d)	N	14.96		Jan-06	Oct-10	Jan-10	Apr-12
10	2159C	LA	5	1.8	3	4	Reconstruction of interchange	Fullerton Creek/ Coyote Creek/ North Fork Coyote Creek-(303d)	N	47.74	BS,3	Mar-02	Apr-10	Feb-10	Mar-15
11	23590	LA	5	6.8	18.4	4	Construct Litter Removal Device Phase 4 of 10	San Gabriel River Reach 2, Rio Hondo Reach 1, Los Angeles River Reach 2-(303d)	Y	1	BS,1 GSRD,31	Mar-06	Dec-08	Jan-09	Apr-12
12	25891	LA	5	9.4	13.1	4	Sand Filters and Infiltration Devices	Rio Hondo Reach 1-(303d)	Y	*		Apr-08	Aug-09	Sep-09	Sep-10
13	27240	LA	5	14.9	16.8	4	Stormwater Source Control	Los Angeles River Reach 2-(303d)	Y	6		Apr-10	Feb-12	Mar-12	Jul-16
14	21740	LA	5	15.6	16.3	4	Add Lane Ramp Closure	Los Angeles River Reach 2-(303d)	N	1.16		May-06	Dec-11	Oct-08	Dec-11
15	18410	LA	5	15.8	16.9	4	Upgrade Metal Beam, Barrier and Double Blocked Median Barrier with Concrete Median Barrier	Los Angeles River-(303d)	N	1.334		Dec-05	Jun-10	Jul-11	Nov-12
16	12184	LA	5	26.7	29.4	4	Construct of HOV lane	Los Angeles River Reach 3-(303d)	N	*		Dec-00	Oct-09	Oct-09	Nov-12
17	2266A	LA	5	27.2	28.7	4	Construct litter	Los Angeles River	N	2.14	BS,3 GSRD,38	Jun-01	Jan-	Jan-07	Jul-10

No.	EA	Project Location				Regional Board	Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
						removal devices	Reach 3-(303d)					07			
18	1786A	LA	5	27.4	28.1	4	Modify Interchange/Realign Ramps	Los Angeles River Reach 3-(303d)	N	*		Sep-00	Jan-10	Feb-10	Aug-12
19	12183	LA	5	29.4	30	4	Construct HOV lane	Los Angeles River Reach 3-(303d)	N	*		Dec-00	Jun-10	Jul-10	Sep-13
20	12182	LA	5	30	31.6	4	Construct HOV lane	Los Angeles River Reach 3-(303d)	N	*		Dec-00	Apr-10	Nov-08	Jul-14
21	12181	LA	5	31.6	36.4	4	Construct HOV lane	Tujunga Wash, Burbank Western Channel, Los Angeles River-(303d)	N	34.6		Dec-00	Jan-08	Dec-08	Dec-12
22	25270	LA	5	32.4	43.3	4	Slab replacement and grind, DW	L.A Reservoir, Tujunga Wash, Burbank Western Channel-(303d), Pacoima Spreading Ground- DW, Lower San Fernando Stormwater Detention Basin	N	2.03		Sep-05	Apr-13	Apr-14	Jan-15
23	12190	LA	5	36.4	39.4	4	Construct HOV lane, DW	Tujunga Wash, Burbank Western Channel, Los Angeles River-(303d)	Y	82.7	4 BS, 1 GSRD, 5 MF	Dec-00	May-09	Nov-08	Aug-12
24	23550	LA	5	39.5	42.6	4	Construct Soundwalls	East Canyon Channel-(303d)	N	4.87	6 BS, 1 IB, 2MF	May-02	Feb-09	Apr-09	Jun-53
25	2332C	LA	5	44.9	46.6	4	Construct HOV lane	Aliso Canyon Wash, Burbank Western Channel, LA River Reach 3,4, Tujunga Wash, Verdugo Wash Reach 1-(303d)	Y	*		Feb-09	May-12	Jun-12	May-17
26	2332E	LA	5	45.4	59	4	Construct HOV and Truck Lane	Aliso Canyon Wash, Burbank Western Channel, LA River	N	*		Aug-08	Sep-11	Nov-11	May-15

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		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
							Reach 3,4, Tujunga Wash, Verdugo Wash Reach 1, Santa Clara River Reach 5-(303d)								
27	2332A	LA	5	46.3	50	4	Construct Truck Lane	Aliso Canyon Wash, Burbank Western Channel, LA River Reach 3,4, Tujunga Wash, Verdugo Wash Reach 1-(303d)	N	*		Aug-08	Sep-08	Nov-08	Jan-11
28	20690	LA	5	47	47.7	4	Pavement and Drainage Repair	Santa Clara River Reach 5 and 6 - (303d)	N	2.61		Nov-05	Apr-11	May-11	May-13
29	18701	LA	5	52.7	53.9	4	Interchange Improvements	Santa Clara River Reach 5 and 6 - (303d)	N	37.07	BS,4	Sep-00	Feb-09	Dec-08	Apr-11
30	16800	LA	5	44.2R	46.0R	4	Construct direct HOV connectors, DW	Los Angeles Reservoir-HR	N	25.03		May-01	May-08	May-08	May-13
31	26750	LA	10	1.46	11.39	4	MBGR & Concrete Barrier	Ballona Creek - (303d)	Y	2.22	BS, 14	Sep-07	Aug-12	Sep-12	Aug-14
32	2267A	LA	10	5.6	8.9	4	Construct, operate, and maintain litter removal devices per Trash TMDLs, From Sepulveda BI/La Cienega BI & LA 60, 91, 105, 110, 710	Ballona Creek-(303d)	N	9.88	BS,7 GSRD,68	Jun-01	Feb-07	Dec-07	Nov-10
33	20320	LA	10	6.4	6.5	4	Bridge Widening	Ballona Creek-(303d)	N	0.4		Aug-07	Dec-08	Jan-09	Apr-11
34	22222	LA	10	14.2	18.1	4	Improve Connector, Distributors, Bridge Restoration	Ballona Creek, Los Angeles River-(303d)	N	0.349	BS,2	Oct-02	Jun-07	Jun-07	Jun-10
35	16681	LA	10	18.3	31.3	4	Rehabilitation of Roadway and Ramps	Los Angeles River, Walnut Creek Wash-(303d)	N	70.2	BS,3	Dec-95	Dec-08	Jun-09	Aug-13

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
36	21340	LA	10	18.4	21	4	Highway Planting Restoration	Los Angeles River Reach 2-(303d)	N	1		Jan-01	Dec-12	Jan-13	Jun-17
37	24560	LA	10	18.5	18.6	4	Bridge Widening	Los Angeles River Reach 2-(303d)	N	0.22		Mar-00	Jan-11	Mar-14	Aug-12
38	16682	LA	10	18.7	21.6	4	Rehab HOV/Bus Lane (1B Bond Funded)	Los Angeles River Reach 2-(303d)	N	7.9		Dec-95	Aug-08	Aug-08	Oct-10
39	11707	LA	10	31.2	33.4	4	Construct one HOV lane in each direction, DW	Walnut Creek Wash, (303d)	N	43.6	BS,3	Dec-02	Feb-09	Mar-09	May-13
40	11708	LA	10	33.4	37.5	4	Construct one HOV lane in each direction	None	N	*		Dec-02	Jan-12	Feb-12	Mar-16
41	11934	LA	10	37.5	42.4	4	Construct HOV lane in each direction	San Jose Creek Reach 2 -(303d), Walnut Creek Spreading Ground-DW	NA	*		Dec-05	Jan-12	Feb-12	Mar-16
42	24650	LA	10	40.8	43.2	4	Gore and Slope Paving and Native Tree	San Jose Creek Reach 2 -(303d)	NA	16.86	BS, 4	Sep-06	Jun-10	Aug-10	May-13
43	25920	LA	10	5.5R	14.8	4	LA County in LA @ Ballona Creek Metals & Toxics TMDL, Sand Filters & Infiltration Devices	Ballona Creek - (303d)	N	*		Aug-09	Jul-10	Dec-10	Nov-11
44	11545	VEN	23	3.5	11.4R	4	Widen to 6 lane	Arroyo Las Posas/Arroyo Santa Rosa/Arroyo Conejo, Malibu Creek and Calleguas Creek - (303d)	Y	73.1		Dec-00	Apr-06	Apr-06	Jan-10
45	23940	LA	27	1.9	2.5	4	Road and streambank restoration	Topanga Canyon Creek-(303d)	Y	3		Mar-13	Feb-16	Mar-16	Jul-20
46	1264F	LA	30	49.3R	52.1R	4	Landscape , DW	Marshall Creek / Live Oak Reservoir	N	61		Sep-96	Jul-05	Aug-05	Jun-10

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
							DW-(303d)								
47	19580	VEN	34	12.73	13.54	4	Widening and modify interchange	Calleguas Creek Reach 6-(303d)	Y	3.7	BS, 4; IT, 1	Mar-02	Mar-09	Apr-09	Sep-10
48	26040	LA	39	31	33	4	Bridge Scour Mitigation	None	N	2.68		Dec-09	Feb-12	Mar-12	Dec-12
49	1992U	LA	39	40	44.4	4	Rehab Drain, Construct Retaining Wall, Reconstruct road	None	N	*		Apr-09	Jul-10	Aug-10	Oct-12
50	23120	LA	39	30.6R	30.6R	4	Replace Bridge Foundation	None	N	2.708		Jun-06	Dec-08	Dec-07	Dec-09
51	22480	LA	47	0.9	2	4	Deck Rehab and bridge restoration	Los Angeles/Long Beach Inner Harbor-(303d)	Y	*		Oct-02	Mar-09	Oct-08	Jun-10
52	23850	LA	47	3.5	5.2	4	Alameda Corridor Truck Expressway	Los Angeles/Long Beach Inner Harbor-(303d)	N	*		Jan-09	Nov-10	Jan-11	Aug-14
53	13820	LA	47	3.6	3.6	4	Complete Bridge Replacement	Los Angeles/Long Beach Inner Harbor-(303d)	Y	*		Dec-08	Nov-10	May-12	Apr-14
54	24390	LA	60	0	30.5	4	Install MBGR and concrete railing	Legg Lake, San Jose Creek Reach 1, Los Angeles River Reach 2, San Gabriel-(303d)	N	1.63		Mar-04	Jul-08	Aug-08	Jul-10
55	1294V	LA	60	11.8	23.3	4	Construction HOV Lane and Soundwalls	San Jose Creek Reach 1, San Gabriel River-(303d), Whittier Narrows Flood Control Basin	N	95.68	BS,16	Sep-00	Apr-07	Apr-07	May-12
56	22410	LA	60	21.5R	23.0R	4	Construct Interchange	San Jose Creek, San Gabriel River Watershed-(303d)	N	*		Jan-09	Mar-11	Mar-11	Aug-13
57	25910	LA	90	1	3.5	4	LA County @ Ballona Creek Metals & Toxics TMDL, Sand Filters & Infiltration	Ballona Creek, Marina del Rey Harbor - Back Basins - (303d)	Y	3.09	2 IT or IB, MF 4	Apr-08	Nov-10	Dec-10	Nov-11

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
							Devices								
58	18000	LA	91	17.8	18.8	4	Restore planting/upgrade irrigation	San Gabriel River Reach 1 and 2-(303d)	N	32		Jun-01	Jan-06	Jan-06	Aug-10
59	26050	LA	91	R6.4	R11.81 R11.82	4	Bridge Preservation	Dominguez Channel, LA River Reach 2, Compton Creek - (303d)	N	0		Sep-03	Aug-11	Sep-11	Nov-12
60	1952U	VEN	101	0.1	3	4	Interchange Improvements	Lindero Creek Reach 2, Calleguas Creek Reach 13-(303d)	Y	*		Feb-05	Dec-12	Jan-13	Mar-16
61	18550	VEN	101	0.4	4.4	4	Install Concrete Barrier	Santa Clara River/San Jon Barranca/Prince Barranca/Ventura River/Conejo Creek, Calleguas Creek/Revolon Slough/Along Arroyo Conejo-(303d)	Y	8.4	BS, 3	Oct-97	Mar-07	Dec-07	May-10
62	19963	LA	101	15.5	16.1	4	Ramp widening	Los Angeles River Reach 4-(303d)	N	3.31		Dec-03	May-08	Jan-12	Sep-13
63	24980	VEN	101	18.8	19.7	4	Interchange Improvements	Beardsley, Calleguas Creek Reach 4-(303d)	Y	32.94		May-09	Jun-10	Jul-10	Aug-12
64	23420	VEN	101	22	23.7	4	Planting and Irrigation, DW	Santa Clara River Reach 1, Los Angeles River-(303d)	N	20.26		Jun-01	Jan-07	Oct-07	Nov-12
65	4S480	VEN	101	27.9	28.2	4	Restore Damaged Slope/Drainage System	San Buenaventura Beach-(303d)	N	0.096		Jan-96	Mar-09	Apr-09	May-10
66	24020	LA	101	36.1	36.3	4	Modify interchange	Lindero Creek Reach 1, Lake Lindero, Malibu Creek-(303d)	N	3.24		Sep-05	Jan-09	Feb-09	Aug-11
67	12016	LA	101	37.5	38	4	On Ramp Widening	Lake Lindero,	Y	2.7	BS, 1	Sep-01	Jan-	Feb-	Mar-

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
							Lindero Creek Reach 2-(303d)					09	09	10	
68	18610	LA	101	34.2; 0.0	38.2/0.08	4	Upgrade Median Barrier	Lake Lindero, Lindero Creek Reach 2, Los Angeles River Reach 2-(303d)	N	13.56		Sep-97	Jan-07	Jan-07	Sep-09
69	26070	VEN	101	39.8R	43.6R	4	HOV Lanes	Rincon Beach, Rincon Creek, Arroyo Paredon, Carpinteria Creek, Carpinteria Marsh, Franklin Creek, Pacific Ocean at Point Rincon-(303d)	N	24.3		Dec-08	Feb-11	Mar-11	Jan-17
70	17850	LA	105	0.7R	0.9	4	Widen Off Ramp	Santa Monica Bay Offshore/Nearshore-(303d)	N	2.2		Sep-00	Jul-08	Jul-08	Dec-10
71	26480	LA	110	2.54	2.97	4	C-Street and I-110 Access Ramp Improvement	Los Angeles/Long Beach Inner Harbor, LA Harbor-(303d)	N	7.64	DB, 3	Nov-09	Aug-09	Aug-11	Aug-13
72	2382U	LA	110	20	21.2	4	Light Rail Train System	Ballona Creek-(303d)	Y	10.6		Jun-08	Nov-11	Jan-09	Dec-10
73	2411U	LA	110	21.2	22.8	4	Construct Auxiliary Lane; Modify Ramps	Ballona Creek - (303d)	N	1.03	BS,2	May-06	Oct-07	Oct-07	Oct-09
74	11679	VEN	118	18.27	32.6	4	Widen Highway	Los Angeles River Reach 2, Arroyo Seco Reach 1 and 2, Calleguas Creek Reach 6, Aliso Canyon Wash-(303d)	Y	22.5	BS,10	Feb-01	Mar-07	Mar-07	Jun-11
75	1X310	VEN	118	21.8	21.8	4	Repair Major Drainage System	Calleguas Creek Reach 6,7,8,Fox Barranca - (303d)	Y	3		Mar-07	Dec-08	Jan-09	Sep-10
76	26670	VEN	118	27	32.5	4	Freeway Widening	Calleguas Creek Reach 7, Las Lajas Canyon-(303d)	Y	15		Feb-01	Sep-09	Oct-09	Oct-11

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
77	22380	VEN	118	32	32.5	4	Construct EB Off-ramp & WB On-ramp at Rocky Peak Rd IC	Calleguas Creek Reach 7, Las Lajas Canyon-(303d)	Y	3.21		Jun-03	Oct-08	Apr-09	May-10
78	26030	LA	134	0.9	2.9	4	Construct Soundwall	Lake Calabazas, LA River Reach 3 and 4, Tujunga Wash, Verdugo Wash Reach 1- (303d)	N	1.24		Dec-02	Mar-10	Jan-10	Aug-12
79	18850	LA	134	1.9	2.3	4	Modify Interchange/ New Ramps	Los Angeles River Reach 3 and 4- (303d)	N	2.4		Nov-00	Mar-07	May-06	Jul-10
80	23250	LA	134	5.9	8.4	4	Beautification and modernization	Los Angeles River Reach 3 and 4, Verdugo Wash Reach 1 and 2- (303d)	N	*		Jun-02	Oct-05	Mar-07	Feb-12
81	18270	LA	134	5.9	8.6	4	Restore planting/upgrade irrigation	Los Angeles River Reach 3 and 4, Verdugo Wash Reach 1 and 2- (303d)	N	32.6		Jun-02	Sep-07	Sep-07	Jul-12
82	22470	LA	134	7.3	8.8	4	Construct Soundwall	Verdugo Wash Reach 1 and LA River Reach 3, (303d)	NA	1.98	BS, 2	Nov-02	Mar-07	Mar-07	Mar-12
83	23280	LA	134	10.8	11.4	4	Construct Soundwalls from W. Mt. Helena Av to W Figueroa St EB, Rte 170 Various	None	N	*		Jun-03	Jan-13	Jun-13	Feb-15
84	18260	LA	134	11.5	13.1	4	Highway Planting Restoration	None	N	27.7		Nov-02	Dec-05	Dec-05	May-10
85	23961=23960	LA	138	47.8	49	6	Reconstruction of Intersection	Antelope Valley Ground Water-(303d)-DW	N	15.44		Mar-05	Jan-08	Mar-08	Jul-11
86	12721	LA	138	51.9	52.5	6	Widen Conventional Highway (Seg 2)	None	N	6		Mar-01	Jun-08	Jul-08	Apr-11
87	12722	LA	138	54.3	55.5	6	Widen Conventional	None	N	*		Mar-01	Oct-	Nov-	Nov-

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
						Highway (SEG 5)							10	10	12
88	12723	LA	138	56.2	57.2	6	Widen Conventional Highway (Seg 7)	None	N	14.5		Mar-01	Mar-08	Apr-08	Nov-11
89	4S270	LA	138	59.98	60.36	6	Signal Installation	Antelope Valley Ground Water-(303d)-DW	N	0.047		May-06	Jul-08	Sep-08	Sep-09
90	12726	LA	138	61.5	63.6	6	Widen Highway and Construct Bridge	Antelope Valley Ground Water-(303d)-DW	N	223.63		Mar-01	Oct-05	Oct-05	Aug-09
91	12727	LA	138	63.4	66	6	Widen Conventional Highway (SEG 12)	Antelope Valley Ground Water-(303d)-DW	N	*		Mar-01	Sep-10	Oct-10	Nov-12
92	23960	LA	138	76.9	78.8	6	Intersection realignment, DW	Antelope Valley Ground Water-(303d)-DW	N	6.91		Mar-05	Aug-10	Sep-10	Aug-13
93	1189A	VEN	150	9.6		4	Upgrade Bridge Rails at Coyote Creek Bridge, DW	None	N	0.2		Dec-05	Apr-09	Jan-10	Jun-11
94	1189C	VEN	150	11		4	Widen Roadway and Bridge Rails	None	N	0		Jan-07	Oct-09	Oct-09	Aug-10
95	1189G	VEN	150	11.65	18.8	4	Replace Bridge	Ventura River Reach 4, San Antonio Creek-(303d)	Y	1.48		Mar-06	Apr-09	Aug-08	Feb-11
96	4L430	VEN	150	20.5	31	4	Reconstruction of Slope	San Antonio Creek, Santa Clara River Reach 3 - (303d)	Y	0.803		Jan-96	Jun-09	Mar-09	Mar-10
97	1X660	VEN	150	22.7	22.8	4	Storm Damage Repair	None	Y	*		Jun-07	Jun-09	Jul-09	Feb-11
98	4L570	VEN	150	28.6	28.7	4	Repair and Replace Flow Dissipator	Sisar Creek, Santa Paula Creek, Bear Canyon-(303d)	NA	*		Dec-08	Jun-10	Apr-11	Aug-12
99	4S340	LA	170	R20.3	R20.5	4	Slope Protection	Burbank Western Channel, LA River Reach 3,4, Tujunga Wash - (303d)	N	1.1		Jul-07	Apr-09	Apr-09	Feb-10
100	25940	LA	210	6	9.8	4	Stormwater mitigation (Trash TMDL)	None	N	*		Mar-07	Jul-09	Apr-12	Jun-14

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		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
101	23290	LA	210	24.6	43.2	4	Construct Soundwalls	Sawpit Creek, San Gabriel River-(303d)	Y	5.19	DB, 1 ; IB, 1;MF, 1	Aug-07	Apr-10	Sep-10	Sep-11
102	22810	LA	210	29.5	30.7	4	Construct Soundwalls	LA River and San Gabriel River-(303d)	N	1.93	BS, 3	Jun-03	Jan-08	Apr-08	Mar-11
103	25060	LA	210	31.8	34.2	4	Construct Soundwall with Masonry Block	Sawpit Creek-(303d)	N	2.43	BS,1;	Jun-03	Nov-08	Aug-08	Apr-12
104	12993	LA	210	33.3	46.8	4	Fiber optic comm system, MVP, retaining wall	Sawpit Creek, Santa Fe Dam Park Lake, Big Dalton Wash, and Little Dalton Wash, (303d)	N	1.26	BS, 1	Jun-01	Jun-02	Oct-07	Nov-10
105	22450	LA	210	35.5	35.9	4	Construct Soundwall (WB Only)	Sawpit Creek-(303d)	N	*		Jul-02	May-10	Jul-10	Mar-12
106	23140	LA	210	40.6	42.1	4	Construct Soundwall, DW	None	N	1.7	BS,1	Jul-02	Sep-06	Mar-07	Dec-09
107	24270	LA	210	48.9	49.3	4	Construct Sound Berm	San Jose Creek Reach 2	N	10.03	BS, 1	Jul-02	Dec-07	Dec-07	Dec-10
108	26700	LA	210	30.7R	41.4R	4	Freeway Maintenance Access	None	N	0.82		Jan-96	Feb-11	Mar-11	Feb-12
109	17217	LA	210	46.2R	49.3R	4	Landscape	Walnut Creek Wash, Puddingstone Reservoir, San Jose Creek Reach 2-(303d)	N	36.7		Sep-96	Aug-05	Aug-05	Dec-10
110	25170	LA	210	R0	26.3	4	CAPM on I-210 from junction I-5/I-210 to Los Robles Ave. OC	Tujunga Wash, Verdugo Wash Reach 2, Burbank Western Channel, Arroyo Seco Reach 2-(303d)	N	15.32		Sep-05	Jan-12	Feb-12	May-15
111	23300	LA	405	6.4	43.1	4	Construct Soundwall	LA River Reach 1, 2, 4, 5 and 6, San Gabriel River Reach 1, Los Cerritos Channel, Compton	N	13.6		Mar-04	Mar-13	Apr-13	Oct-14

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		Co.	Route	Begin PM	End PM							PA&E Date	PS&E Date	Start Date	End Date
							Creek, Dominguez Channel Estuary, Ballona Creek and Ballona Creek Estuary, Sepulveda Canyon-(303d)								
112	23400	LA	405	9.3	9.9	4	Interchange Modification (Wilmington Ave I/C, City of Carson)	Dominguez Channel, Dominguez Channel Estuary -(303d)	N	*		Nov-09	Jan-12	Feb-12	Nov-14
113	23390	LA	405	10.8	11.4	4	Modify Interchange	Dominguez Channel, Dominguez Channel Estuary, Torrance Carson Channel-(303d)	N	12.4		Nov-08	Feb-09	Jun-09	Nov-10
114	49160	LA	405	22.2	23.4	4	Construct South Half Interchange	Dominguez Channel Watershed-(303d)	N	*		Jul-09	Mar-12	Apr-12	Mar-15
115	24130	LA	405	24.2	25.8	4	Add auxiliary lane	Ballona Creek-(303d)	N	1.81		Apr-05	Feb-10	Mar-10	Jan-13
116	20230	LA	405	24.42	25.035	4	Interchange Improvements	Ballona Creek-(303d)	N	5	GSRD,2	Dec-04	Sep-09	Jun-10	Jul-11
117	21830	LA	405	40.1	46.2	4	Highway planting restoration	LA River Reach 4 and 5-(303d), Sepulveda Flood Control Reservoir	N	1.98	BS, 1	May-02	Dec-06	Dec-06	Jan-10
118	19961	LA	405	40.3	40.3	4	Reconstruction of SB connector, ramp to N&S BND 101, DW	Los Angeles River, Sepulveda Basin-(303d)	Y	15.3	BS,2; GSRD, 1	Jun-08	Jul-11	Aug-11	Jan-18
119	22460	LA	405	46.3	47.8	4	Construct soundwall, DW	Los Angeles River, Sepulveda Basin-(303d)	N	6.1	BS,1;GSRD,2;MF,2	Nov-02	Aug-10	Nov-10	Jul-13
120	23310	LA	605	11.4	20.2	4	Construct Soundwalls	San Jose Creek, San Gabriel River Reach 2, Walnut Creek, Whittier Narrows Dam-(303d)	N	*		Oct-03	May-10	Jul-11	Feb-13

No.	EA	Project Location				Regional Board	Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
121	24540	LA	605	20	20.6	4	Interchange Improvements	Walnut Creek Wash-(303d)	N	5.78	BS,2	Mar-09	Sep-11	Mar-09	Sep-11
122	22830	LA	710	3.7	5	4	Bridge replacement	Inner Harbor/Los Angeles River/East Basin-(303d)	N	*		Jun-09	Mar-12	Sep-13	Jan-17
123	25590	LA	710	5.6	24.2	4	Upgrade Median Barrier	Compton Creek, LA River Reach 1,2-(303d), Dominguez Gap, Spreading Ground	N	2.74	ID,2	Dec-05	Jun-12	Feb-15	Jun-10
124	23640	LA	710	6.1	6.8	4	Highway planting restoration	Compton Creek, Los Angeles River Reach 1 and 2-(303d)	N	*		Feb-03	Dec-10	Feb-11	May-12
125	18312	LA	710	9.4	18.4	4	Landscape	Compton Creek, Los Angeles River Reach 1 and 2, Rio Hondo Reach 1-(303d)	N	*		Oct-97	Feb-11	Mar-11	Jan-14
126	18311	LA	710	9.7	18.4	4	Rehabilitate Roadway	Compton Creek, Los Angeles River Reach 1 and 2, Rio Hondo Reach 1-(303d)	N	81.3	BS, 6	Oct-97	Jul-07	Aug-07	Aug-11
127	20210	LA	710	13.6	26.5	4	Long life pavement & widen bridges	Compton Creek, Rio Hondo Reach 1, Los Angeles River 2-(303d)	N	*		Sep-99	Oct-11	Apr-12	Feb-16
128	25990	LA	710	16.1	18.4	4	Roadway Rehab/Upgrade Med Barrier	Compton Creek, Rio Hondo Reach 1, Los Angeles River 2-(303d)	N	19.55	BS,2	Sep-07	Sep-08	Nov-08	Mar-12
129	26900	LA	710	18.1	20.8	4	Long Life Pavement Rehabilitation	Los Angeles River 2-(303d)	N	*		Sep-99	Jul-09	Jul-10	Dec-14
130	00234	LA	710	22.5	22.7	4	Construct Soundwalls	Los Angeles River 2-(303d)	N	*		Sep-99	Jun-10	Jun-10	Mar-13
131	17970	LA	710	26.5	27.4	4	Roadside Restoration	Los Angeles River-(303d)	N	10.3		Sep-01	Mar-09	May-09	Jul-13
132	26060	LA	47/110	0	0.72	4	Ramps and	Various-(303d)	N	5.58	BS, 2; DB, 2	Apr-10	Jun-	Jul-11	Aug-

No.	EA	Project Location				Regional Board	Project Description <sup>1,2</sup>	Water Bodies Within or Adjacent to Project Limits <sup>3</sup>	Dredge and Fill Activities (Y/N/NA) <sup>4</sup>	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity <sup>5</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM							PA&ED Date	PS&E Date	Start Date	End Date
							Connector Improvement					11		13	
133	25670	LA	5, 10, 14, 60	Var		4	Modify Lighting and Sign illumination (Replace existing electrical conduits.	Ballona Creek-(303d)	N	6.18		Jan-96	Apr-11	Apr-11	Feb-13
134	25660	LA	5, 10, 47, 90, 101, 110,0.405	Var		4	Modify Lighting and Sign illumination (Replace existing electrical conduits.	LA River-(303d)	N	8.822		Jan-10	Mar-12	Apr-12	Feb-14
135	25890	LA	5,60,101,134, 213,170,710	Var	Var	4	LA County in LA River Metals TMDL Sand Filters & Infiltration Devices	Var	NA	16.01	IT or IB 1, MF 21	Apr-08	Jul-10	Jan-11	Nov-11
136	2159A	LA	5/605	0	6.4	4	Widening and modify interchange	San Gabriel River Reach 1 and 2-(303d)	N	*		Jun-07	Oct-09	Jul-10	Feb-17

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
BS	Biofiltration Strips and/or Swales
D	Detention Devices
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

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

**Table 5-2: District 7 Anticipated Maintenance Activities and Other Management Practices**

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>6</sup>	Start Date	Completion Date
1	LA	Various	Various	4	Maintain full trash capture devices (GSRDs) per trash TMDLs, and all other structural and vegetative BMP's as passed on to maintenance	Los Angeles River, Ballona Creek, San Gabriel River,	7/09	06/10
2	LA	001	35.1-62.8	4	Maintain full trash capture devices (GSRDs) per trash TMDLs, and all other structural and vegetative BMP's as passed on to maintenance	Pacific Ocean	07/09	06/10
3	LA	005	0.0-88.6	4	Crack sealing, shoulder grading, slab repair, paving drain cleaning, sweeping, slide removal, winter operations	Los Angeles River, San Gabriel River, Tujunga Wash, Bull Creek, Santa Clara River, Bull Creek, Pyramid Lake	07/09	06/10
4	LA	010	2.0-46.2	4	Crack sealing, shoulder grading, slab repair, paving drain cleaning, sweeping, slide removal, winter operations	Ballona Creek, Los Angeles River, San Gabriel River	07/09	06/10
5	LA	014	0.0-77.0	4, 6	Crack sealing shoulder grading, slab repair, paving drain cleaning, slide removal, winter operations	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Ana Verde Wash, Amargosa Wash, and California Aqueduct.	07/09	06/10

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

**Table 5-2: District 7 Anticipated Maintenance Activities and Other Management Practices**

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>6</sup>	Start Date	Completion Date
6	LA	057	0.0-5.9	4	Crack sealing, slab repair, paving, drain cleaning sweeping, graffiti removal	Walnut Creek, San Jose Creek, San Gabriel River, Los Angeles River	07/09	06/10
7	LA	060	0.0-30.4	4	Crack sealing, slab repair, paving, drain cleaning sweeping, graffiti removal	Walnut Creek, San Jose Creek, San Gabriel River, Los Angeles River	07/09	06/10
8	LA	101	0-38.1	4	Crack sealing, slab repair, paving, drain cleaning sweeping, graffiti removal	Los Angeles River, Tujunga Wash	07/09	06/10
9	LA	105	0.0-24.0	4	Crack sealing, sweeping, drain cleaning, graffiti removal	Los Angeles River, Ballona Creek,	07/09	06/10
10	LA	110	0.0-33.1	4	Crack sealing, sweeping, drain cleaning, graffiti removal	Dominguez Channel, Compton Creek	07/09	06/10
10	LA	110	0.0-33.1	4	Crack sealing, sweeping, drain cleaning, graffiti removal	Los Angeles River, Dominguez Channel, Compton Creek		
11	LA	118	0.0-23.1	4	Crack sealing, sweeping, shoulder grading	Los Angeles River	07/09	06/10
12	VEN	101	0.0-32.6	4	Crack sealing, paving, sweeping, drain cleaning	Santa Clara River, Ventura River	07/09	06/10
13	VEN	126	0.0-32.6	4	Shoulder grading, basin, culvert and drop inlet cleaning	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	07/09	06/10
14	VEN	150	18.5-32.3	4	Shoulder grading, basin culvert and drop inlet cleaning	San Antonio Creek, Thatcher Creek, Lyon Canyon, Creek, Sycamore Creek, Sisar Creek, Santa Paula Creek	07/09	06/10

**Table 5-2: District 7 Anticipated Maintenance Activities and Other Management Practices**

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected <sup>6</sup>	Start Date	Completion Date
15	LA	126	0.0-6.4	4	Shoulder grading, basin culvert and drop inlet cleaning	Santa Clara River	07/09	06/10
16	LA	210	0.0-52.0	4	Shoulder grading, basin and culvert cleaning, slide removal	Bull Creek, Tujunga Wash, San Gabriel River, Santa Fe flood basin	07/09	06/10
17	LA	605	0.0-26.0	4	Creek sealing slab repair, paving, sweeping, graffiti removal, drain cleaning	Coyote Creek, San Gabriel River, San Jose Creek, Walnut Creek, Santa Fe flood basin	07/09	06/10
18	LA	710	0.0-27.4	4	Creek sealing slab repair, paving, sweeping, graffiti removal, drain cleaning	Pacific Ocean, Dominguez Channel, Los Angeles River, Laguna Channel	07/09	06/10

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

**Table 5-3: District 7 General Management Practices**

<b>Monitoring Activities</b>
<ul style="list-style-type: none"> <li>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 all its maintenance facilities.</li> </ul>
<b>Public Education and Participation</b>
<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>Municipal Coordination</b>
<ul style="list-style-type: none"> <li>District 7 coordinates stormwater management activities as well as TMDL activities with municipalities, flood control districts, RWQCBs, and other entities as necessary.</li> <li>Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies</li> <li>As described in Chapter 6 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. In addition, the District has retained a consultant to look for the collaborative opportunities with other municipal agencies in identifying BMPs through out the District. The consultant has submitted the draft Technical Memorandum dated December 2008 (Contract NO. 43A0182, Task Order 30, Task 1) identifying such opportunities. District 7 staff will review these identified sites where collaborative development of treatment BMPs would be advantageous, and identify sites to pursue further study. The types of additional analysis may include pilot studies, preliminary discussions with regional stakeholder groups, conducting a cost-benefit analysis, watershed modeling, and/or BMP implementation. Opportunities to coordinate with stakeholders on monitoring or TMDL implementation will be pursued.</li> </ul>

## 6.0 TOTAL MAXIMUM DAILY LOADS

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

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

Table 6-1 lists TMDL compliance activities for each TMDL in District 7 for which Caltrans has been assigned a Waste Load Allocation (WLA), for which an implementation plan has been approved, and that has a compliance deadline.

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

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

The TMDLs for which Caltrans is a Responsible Agency are listed below. Table 6-1 describes the status of each TMDL, and Table 6-2 provides a list of TMDL Implementation Projects in the District.

### **Los Angeles River Trash TMDL**

The Los Angeles River Trash TMDL became effective August 28, 2002. Caltrans is proceeding with Trash TMDL Implementation Projects, which are to retrofit Gross Solid Removal Devices (GSRDs) at the existing drainage outfalls in the rights-of-way. Several Trash TMDL Implementation Projects are currently in design, construction, or completed.

### **Los Angeles River Nitrogen Compounds and Related Effects TMDL**

Los Angeles River Nitrogen Compounds and Related Effects TMDL became effective March 23, 2004. The TMDL requires the Stormwater NPDES Permittees to submit a Monitoring Work Plan by March 23, 2005 to estimate nitrogen loadings associated with runoff from the storm drain systems. County of Los Angeles has submitted the Monitoring Work Plan as required on behalf of Caltrans and other Stormwater NPDES Co-Permittees in the watershed. Targeted pollutants are total ammonia as nitrogen (NH<sub>3</sub>-N), nitrate-nitrogen (NO<sub>3</sub>-N), nitrite-nitrogen (NO<sub>2</sub>-N), and nitrate nitrogen plus nitrite-nitrogen (NO<sub>3</sub>-N + NO<sub>2</sub>-N). The Department's 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.

### **Los Angeles River and Tributaries Metals TMDL**

The Los Angeles River and Tributaries Metals TMDL became effective on January 11, 2006. Caltrans will work with five groups of Responsible Agencies toward compliance of the TMDL. Targeted Pollutants are Total Cu, Pb, Zn, Cd, and Se.

### **Ballona Creek Trash TMDL**

The Ballona Creek Trash TMDLs became effective on August 28, 2002. Caltrans is proceeding with Trash TMDL Implementation Projects, which are to retrofit GSRDs or other devices such as media filters or infiltration basins at the existing drainage outfalls in the rights-of-way. Several Trash TMDL Implementation Projects are currently in design, construction, or completed.

### **Ballona Creek Metals TMDL and the Ballona Creek Estuary Toxic Pollutants TMDL**

The Ballona Creek Metals TMDL and the Ballona Creek Estuary Toxic Pollutants TMDL became effective on January 11, 2006. Caltrans is participating in a group of Responsible Agencies working collaboratively toward compliance of the TMDLs. Targeted pollutants are Total Cu, Pb, Zn and Se for Metals TMDL and Cu Pb, Zn, Ag, Chlordane, DDTs, Total PCBs, and Total PAHs in the sediments of Ballona Creek Estuary (Estuary Toxic Pollutants TMDL).

### **Total Maximum Daily Loads for Bacterial Indicator Densities in Ballona Creek, Ballona Estuary, and Sepulveda Channel**

The TMDLs for Bacterial Indicator Densities in Ballona Creek, Ballona Estuary, and Sepulveda Channel became effective on April 27, 2007 and requires the Responsible Agencies, including Caltrans, to reduce the number of exceedance days of bacteria concentrations in the Ballona Creek, Ballona Estuary, and Sepulveda Channel. Caltrans is working in a group of Responsible Agencies to jointly comply with the TMDL.

### **Beardsley Wash and Revolon Slough Trash TMDL**

The Beardsley Wash and Revolon Slough Trash became effective on March 6, 2008. The TMDL requires the Responsible Agencies, including Caltrans to reduce amount of trash deposited in the waterbody and in the stormwater discharges to zero in eight years. Responsible Agencies may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the waterbody or place full capture devices at the drainage outfalls.

### **Calleguas Creek Nitrogen Compounds and Related Effects TMDL**

The Calleguas Creek Nitrogen Compounds and Related Effects TMDL became effective July 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. Caltrans is actively participating in the Subcommittee and working toward compliance of the TMDL. Targeted Pollutants are Ammonia, NO<sub>3</sub>-N, NO<sub>2</sub>-N, and NO<sub>3</sub>-N+NO<sub>2</sub>-N. The Department's 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.

### **Calleguas Creek Watershed OC Pesticides and PCBs TMDL and Calleguas Creek Watershed Toxicity, Chlorpyrifos and Diazinon TMDL**

The Calleguas Creek Watershed OC Pesticides and PCBs TMDL and the Calleguas Creek Watershed Toxicity, Chlorpyrifos and Diazinon TMDL became effective March 24, 2006. Targeted Pollutants are Chlordane, 4,4-DDD, 4,4- DDE, 4,4-DDT, Dieldrin, PCBs, and Toxaphene for Pesticides, and Chlorpyrifos and Diazinon for Toxicity. Caltrans is working cooperatively with other Responsible Agencies to jointly comply with the TMDL requirements.

### **Calleguas Creek Watershed Metals and Selenium TMDL**

The Calleguas Creek Watershed Metals and Selenium TMDL assigns waste load allocations to the Permitted Stormwater Dischargers (PSD) that include the Municipal Stormwater (MS4) Permittees, Caltrans and others. The PSD are required to achieve the final dry and wet weather waste load allocations in 15 years. Caltrans is working with a group of Responsible Agencies to jointly comply with the TMDL. Targeted pollutants are Copper (Cu), Mercury (Hg), Nickel (Ni), Zinc (Zn) and Selenium (Se).

### **Harbor Beaches of Ventura County Bacteria TMDL**

The Harbor Beaches of Ventura County Bacteria TMDL was adopted by the Regional Board on November 1, 2007 and is anticipated to become effective in the future. The TMDL requires the Responsible Agencies, including Caltrans, to reduce bacteria exceedances to the allowables in five and ten years. Caltrans will be working with other Responsible Agencies to collaboratively comply with the TMDL.

### **Legg Lake Trash TMDL**

The Legg Lake Trash TMDL became effective on March 6, 2008. The TMDL requires the Responsible Agencies, including Caltrans, to reduce amount of trash deposited in the waterbody and in the stormwater discharges to zero in eight years. Responsible Agencies may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the waterbody or place full capture devices at the drainage outfalls.

### **Machado Lake Trash TMDL**

The Machado Lake Trash TMDL became effective on March 6, 2008. The TMDL requires the Responsible Agencies, including Caltrans, to reduce amount of trash deposited in the waterbody and in the stormwater discharges to zero in eight years. Responsible Agencies may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the waterbody or place full capture devices at the drainage outfalls.

### **Marina del Rey Harbor Mother's Beach and Back Basins Bacteria TMDL**

The Marina del Rey Harbor Mother's Beach and Back Basins Bacteria TMDL became effective March 18, 2004. Caltrans is working cooperatively with other responsible agencies toward compliance of the TMDL.

### **Marina del Rey Harbor Toxic Pollutants TMDL**

The Marina del Rey Harbor Toxic Pollutants TMDL became effective on March 22, 2006. Targeted pollutants are Copper, Lead, Zinc, Chlordane and Total PCBs in sediments of the Back Basins and Total PCBs in the water column and in fish tissue. Caltrans is working cooperatively with other Responsible Agencies toward compliance of the TMDL.

### **Malibu Creek Watershed Bacteria TMDL**

The Malibu Creek Watershed Bacteria TMDL became effective on January 24, 2006. Caltrans is working cooperatively with a group of Responsible Agencies to jointly comply with the TMDL. The Project Engineer of projects located where dry weather diversion exists needs only to consider infiltration devices for bacteria removal; however, all other projects shall consider both dry weather flow diversion and infiltration devices.

### **Miscellaneous Ventura Coastal Watersheds - Oxnard Subwatershed**

Note: There are four coastal subwatersheds grouped under the Miscellaneous Ventura Coastal Watersheds: Pitas Point, Buenaventura, Oxnard, and Ventura Coastal Streams Subwatersheds. These subwatersheds are physically independent from one another (see PDF maps). Oxnard is the only subwatershed that currently has established TMDLs: the TMDLs for Santa Clara River Estuary/Surfers' Knoll, McGrath State Beach, and Mandalay Beach Coliform and Beach Closures.

### **Santa Monica Bay Dry Weather Bacteria TMDLs**

The Dry Weather Bacteria TMDL for the Santa Monica Bay Beaches focuses on storm drain flows during summer and winter dry weathers. Caltrans is in compliance with the TMDL. The Wet Weather Bacteria TMDL for the Santa Monica Bay Beaches outlines seven Jurisdiction Groups in the Santa Monica Bay coastal watersheds and assigns a Primary Responsible Jurisdiction and 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.

### **Ventura River Estuary Trash TMDL**

The Ventura River Estuary Trash TMDL became effective on March 6, 2008. The TMDL requires the Responsible Agencies, including Caltrans, to reduce amount of trash deposited in the waterbody and in the stormwater discharges to zero in eight years. Responsible Agencies may implement a Minimum Frequency of Assessment and Collection Program in or adjacent to the waterbody or place full capture devices at the drainage outfalls.

### ***Coordination and Partnerships***

The Department continued participating with the Responsible Agencies in the Jurisdiction Groups to monitor water quality in the Santa Monica Bay and to plan for implementation. In addition, the Responsible Agencies in the Jurisdiction Groups began working on a Quantitative Analysis for the Implementation Plans as required by the Regional Board on April 6, 2006.

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**Table 6-1: District 7 TMDL Activities**

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Ballona Creek Trash TMDL	8/28/02	Year 1 Implementation	9/29/04	Optional: 2 to 4 yrs baseline monitoring	Seeks partnership or continue to seek partner opportunity development	Continue implementation project and public education
			Year 2 Implementation	9/30/05			
			Year 3 Implementation (WLA = 80%)	9/30/06			
			Year 4 Implementation (WLA = 70%)	9/30/07			
			Year 5 Implementation (WLA = 60%)	9/30/08			
			Year 6 Implementation (WLA = 50%)	9/30/09			
			Year 7 Implementation (WLA = 40%)	9/30/10			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Year 8 Implementation (WLA = 30%)	9/30/11			
			Year 9 Implementation (WLA = 20%)	9/30/12			
			Year 10 Implementation (WLA = 10%)	9/30/13			
			Year 11 Implementation (WLA = 3.3%)	9/30/14			
			Year 12 Implementation (WLA = 0%)	9/30/15			
7	Santa Monica Bay Beaches Bacteria Dry Weather TMDL	7/15/03	Submit coordinated monitoring plan	11/15/03	No dry weather discharges	Jurisdiction Groups ¼ workgroup for Implementation Plan and Implementation	Dry weather inspection
			Submit documentation on discharges	11/15/03			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Achieve compliance with summer dry weather	7/15/06			
			Achieve compliance with winter dry weather	7/15/09			
7	Santa Monica Bay Beaches Bacteria Wet Weather TMDL	7/15/03	Submit coordinated monitoring plan	11/15/03	Santa Monica Bay wide bacteria Water Quality monitoring	Jurisdiction 1 through 6 workgroups for Implementation Plan and Implementation	Coordinate implementation efforts during actual implementation phases.  Share costs for Santa Monica Bay wide monitoring and implementation
		Submit draft report outlining how it intends to cooperatively achieve compliance	3/15/05				
		Submit draft report outlining how it intends to cooperatively achieve compliance	7/15/05				
		Achieve 25% of WLA	7/15/09				

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Achieve 10% of WLA (If IRWA)	7/15/09			
			Achieve 50% of WLA	7/15/11			
			Achieve 100% of WLA	7/15/13			
			Achieve 25% of WLA (If IRWA)	7/15/13			
			Achieve 50% of WLA (If IRWA)	7/15/18			
			Achieve 100% of WLA (If IRWA)	7/15/21			
7	Marina del Rey Harbor Bacteria TMDL	3/18/04	Submit coordinated monitoring plan	7/18/04	Bacterial Water Quality monitoring	Jurisdiction workgroup for Implementation Plan and Implementation	Coordinate implementation efforts during actual implementation phase Share costs for monitoring and implementation
			Submit draft report outlining how it intends to cooperatively achieve compliance	3/30/05			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit final report outlining how it intends to cooperatively achieve compliance	7/30/05			
			Provide results of study to determine relative bacterial loading	3/18/07			
			Achieve 0 exceedance during summer dry weather	3/18/07			
			Achieve 3 or less exceedances during winter dry weather	3/18/07			
			Achieve 17 or less exceedances during winter wet weather	3/18/14			
			Achieve 17 or less exceedances during winter wet weather (if IRWA)	7/18/21			
7	Ballona Creek Metals TMDL	1/11/06	Submit coordinated monitoring plan	1/11/07	Ambient monitoring to evaluate the assumptions	Jurisdiction workgroup for	Coordinate implementation

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit results of special studies	1/11/10	made in the TMDL including frequency and extent of exceedances. TMDL effectiveness monitoring to assess progress toward reductions and BMP effectiveness. Special studies to refine models, assess additional sources	monitoring implementation plan and implementation	efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
			Submit draft report outlining drainage areas to be addressed	1/11/10			
			Submit final report outlining drainage areas to be addressed	7/11/10			
			Achieve 50% dry WLA and 25% wet WLA	1/11/12			
			Achieve 75% dry WLA	1/11/14			
			Achieve 100% dry WLA and 50% wet WLA	1/11/16			
			Achieve 100% wet and dry WLA	1/11/21			
7	Ballona Creek Toxics TMDL	1/11/06	Submit coordinated monitoring plan	1/11/07	1) Ambient monitoring to collect additional data (fish	Jurisdiction workgroup for	Coordinate implementation

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			RB to reassess numeric targets and WLA based on SB SQO. (6 months after SB adopts SQO)	12/11/10	and sediment WQ) to evaluate TMDL assumptions; 2) TMDL effectiveness monitoring; and 3) Seven special studies designed to provide better estimates of loading capacity, and to optimize implementation efforts.	monitoring implementation plan and implementation	efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
			Submit results of special studies	1/11/11			
			Submit draft report outlining drainage areas to be addressed	1/11/11			
			Submit final report outlining drainage areas to be addressed	7/11/11			
			Achieve 25% WLA	1/11/13			
			Achieve 50% WLA	1/11/15			
			Achieve 75% WLA	1/11/17			
			Achieve 100% WLA	1/11/21			
7	Los Angeles Metals TMDL	1/11/06	Submit coordinated monitoring plan	4/11/07	Ambient Monitoring at 8 locations. TMDL	Jurisdiction workgroup for	Coordinate implementation

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit results of special studies	1/11/10	Effectiveness monitoring - MS4s and Caltrans must assess progress in reducing pollutant loads to meet TMDL. Additional special studies can be performed.	monitoring implementation plan and implementation	efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
			Submit draft report outlining drainage areas to be addressed	1/11/10			
			Submit final report outlining drainage areas to be addressed	7/11/10			
			Achieve 50% dry WLA and 25% wet WLA	1/11/12			
			Achieve 75% dry WLA	1/11/20			
			Achieve 100% dry WLA and 50% wet WLA	1/11/24			
			Achieve 100% wet and dry WLA	1/11/28			
7	Malibu Creek Bacteria TMDL	1/24/06	Submit comprehensive Bacteria WQ monitoring plan	5/24/06	Monitoring plan submitted on 5/24/06 as part of the implementation plan. Caltrans is contributing to	Jurisdiction workgroup for monitoring implementation	Coordinate implementation efforts during actual

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit written report outlining how will cooperatively achieve compliance	1/24/07	the plan. Additional monitoring performed by Watershed Management Committee. Daily/ weekly monitoring required as a result of compliance.	plan and implementation	implementation phase  Share costs for special studies, monitoring and implementation
			Achieve summer dry weather WLA	1/24/09			
			Achieve summer dry weather WLA (if IRWA)	1/24/12			
			Achieve winter dry weather WLA	1/24/09			
			Achieve wet weather WLA	1/24/16			
			Achieve wet weather WLA (if IRWA)	7/15/21			
7	Marina del Rey Toxics TMDL	3/22/06	Submit coordinated monitoring plan	3/22/07	1) Ambient monitoring to collect additional data (fish and sediment WQ) to evaluate TMDL assumptions; 2) TMDL effectiveness monitoring; and 3) 2 required special studies and 3	Jurisdiction workgroup for monitoring implementation plan and implementation	Coordinate implementation efforts during actual implementation phase  Share costs for
			Provide results from special studies	3/22/11			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Provide draft report outlining how will achieve WLA	3/22/11	recommended special studies		special studies, monitoring and implementation
			Provide final report outlining how will achieve WLA	9/22/11			
			Demonstrate 25% of area is meeting WLA (if IRWA)	3/22/13			
			Demonstrate 50% of area is meeting WLA	3/22/14			
			Demonstrate 50% of area is meeting WLA (if IRWA)	3/22/15			
			Demonstrate 100% of area is meeting WLA	3/22/16			
			Demonstrate 75% of area is meeting WLA (if IRWA)	3/22/17			
			Demonstrate 100% of area is meeting WLA (if IRWA)	3/22/21			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Calleguas Creek OC Pesticides TMDL	3/24/06	1. Interim OC pesticide and PCBs wasteload allocations apply	3/24/06	Watershed to do cooperative monitoring plan	Jurisdiction workgroup for monitoring implementation plan and implementation	Coordinate implementation efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
			3. Submit workplan of monitoring program	9/24/06			
			5. Submit workplan (identify sources and disposal methods)	3/24/07			
			7. Submit workplan for Special Study 1	3/24/07			
			8. Submit workplan for Special Study 2	3/24/07			
			4. Initiate monitoring program (6 months after EO approval of 3.)	3/24/07			
			10. Implement collection and disposal program	3/24/11			
			13. Submit results of Special Study 1	3/24/14			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			14. Effective date of siltation WLS	3/24/15			
			16. Special Study 3- evaluate natural attenuation rates	3/24/16			
			17. Special Study 4 - examine food web (optional)	3/24/18			
			19. Achieve Final WLA	3/24/26			
7	Calleguas Creek Toxicity TMDL	3/24/06	1. Interim Chlorpyrifos and Diazinon WLA apply	3/24/06	Monitoring of sediment concentrations by land use type.	Jurisdiction workgroup for monitoring implementation plan and implementation	Coordinate implementation efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
		3. Submit workplan of monitoring program	9/24/06				
		4. Initiate monitoring program (6 months after EO approval of 3.)	3/24/07				
		6. Special Study 2	9/24/07				
		11. Special Study 3	9/24/07				

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			5. Special Study 1	3/24/08			
			15. Achieve Final WLA	3/24/08			
			7. Develop collection and education program	3/24/09			
7	Ballona Creek Bacteria TMDL	4/27/07	Submit WQ monitoring plan	4/27/08		Jurisdiction workgroup for monitoring implementation plan and implementation	Coordinate implementation efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
			Begin monitoring (6 months after EO approval of monitoring plan)	10/27/08			
			Submit draft Implementation Plan	10/27/09			
			Submit Final Implementation Plan	1/27/10			
			Achieve compliance with Summer and Winder dry weather	2/27/13			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Achieve compliance with Winter wet weather	2/27/17			
			Achieve compliance with winter wet weather if IWR approach.	7/15/21			
7	Calleguas Creek Metals TMDL	3/26/07	1. Effective date of interim WLA	3/26/07	Compliance and in-stream monitoring to be conducted in parallel with monitoring for other TMDLs in the watershed. Optional special studies: Natural source exclusion, Identify Se groundwater sources, Investigate soil concentrations and "Hot Spots", WER for Cu in Revolon Slough, SSOs for Hg and Se.	Jurisdiction workgroup for monitoring implementation plan and implementation	Coordinate implementation efforts during actual implementation phase  Share costs for special studies, monitoring and implementation
		16. Special Study 4 (if necessary)	3/21/22				
		17. Special Study 5 (if necessary)	3/21/22				
		3a. Submit CCW metals and selenium monitoring program	6/23/07				
		8. Seek delisting of zinc from 303d list for Reach 1, Mugu Lagoon	12/28/07				
		3b. Implement monitoring program	9/21/07				

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			12a. Evaluate results of OC TMDLs SS (sediment transport)	9/22/07			
			12d. Evaluate the results of OC TMDL SS (sediment and siltation)	9/22/07			
			13a. Submit workplan for SS 1 (optional)	3/24/08			
			14a. Submit workplan for SS2 (optional)	3/24/08			
			15a. Submit workplan for SS3 (optional)	3/24/08			
			4b. Conduct a source control study, develop and submit an UWQMP.	3/24/09			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			12b. Include monitoring of Cu, Hg, Ni, and Se in OC TMDL.	3/24/09			
			14b. Submit results of SS2	3/24/09			
			5. Implement UWQMP	3/24/10			
			15b. Submit results of SS3	3/24/10			
			13b. Submit results of SS1	3/24/11			
			19. Evaluate results of SS 2 and SS3	3/24/11			
			18. Evaluate effectiveness of BMPs implemented under UWQMP	3/23/13			
			28. Achieve Final WLAs	3/21/22			
7	Los Angeles Trash TMDL	9/23/08	Implementation Year 2 (WLA = 60%)	9/30/08	Optional: 2 to 4 yrs baseline monitoring	Seek partnership or continue to seek partnership	Continue implementation project and

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Implementation Year 3 (WLA = 55%)	9/30/09		opportunity	public education
			Implementation Year 4 (WLA = 50%)	9/30/10			
			Implementation Year 5 (WLA = 40%)	9/30/11			
			Implementation Year 6 (WLA = 30%)	9/30/12			
			Implementation Year 7 (WLA = 20%)	9/30/13			
			Implementation Year 8 (WLA = 10%)	9/30/14			
			Implementation Year 9 (WLA = 3.3%)	9/30/15			
			Implementation Year 10 (WLA = 0%)	9/30/16			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Revolon Slough and Beardsley Wash in Calleguas Creek Watershed Trash TMDL	3/6/08	Submit Trash Monitoring and Reporting Plan (if full capture schedule)	5/5/08	Participate in group monitoring effort	Working with group of responsible agency	Share costs for monitoring and compliance
			Submit NOI to comply with Conditional Waiver of discharge requirements and MFAC (if Min Freq Asses. Schedule)	5/5/08			
			Implement Monitoring and Reporting Program (if full capture schedule)	5/4/08			
			Implement MFAC program (if Min Freq Asses. Schedule)	5/30/08			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 10% reduction (if Min Freq Asses. Schedule)	3/6/11			
			Installation of BMPs to achieve 20% reduction of trash from baseline WLA (if full capture schedule)	3/6/12			
			Installation of BMPs to achieve 30% reduction (if Min Freq Asses. Schedule)	3/6/12			
			Installation of BMPs to achieve 40% reduction of trash from baseline WLA (if full capture schedule)	3/6/13			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 50% reduction (if Min Freq Asses. Schedule)	3/6/13			
			Installation of BMPs to achieve 60% reduction of trash from baseline WLA (if full capture schedule)	3/6/14			
			Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/15			
			Installation of BMPs to achieve 100% reduction of trash from baseline WLA (if full capture schedule)	3/6/16			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Legg Lake Trash TMDL	3/6/08	Submit Monitoring and Reporting Plan (if full capture schedule)	5/6/08	Participate in group monitoring effort	Working with group of responsible agency	Share costs for monitoring and compliance
			Submit NOI to comply with Conditional Waiver of discharge requirements and MFAC (if Min Freq Asses. Schedule)	5/6/08			
			Implement Monitoring and Reporting Program (if full capture schedule)	5/6/08			
			Implement MFAC program (if Min Freq Asses. Schedule)	5/4/08			
			Installation of BMPs to achieve 10% reduction (if Min Freq Asses. Schedule)	3/6/11			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 20% reduction of trash from baseline WLA (if full capture schedule)	3/6/12			
			Installation of BMPs to achieve 30% reduction (if Min Freq Asses. Schedule)	3/6/12			
			Installation of BMPs to achieve 40% reduction of trash from baseline WLA (if full capture schedule)	3/6/13			
			Installation of BMPs to achieve 50% reduction (if Min Freq Asses. Schedule)	3/6/13			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 60% reduction of trash from baseline WLA (if full capture schedule)	3/6/14			
			Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/15			
			Installation of BMPs to achieve 100% reduction of trash from baseline WLA (if full capture schedule)	3/6/16			
7	Ventura River Estuary Trash TMDL	3/6/08	Submit Monitoring and Reporting Plan (if full capture schedule)	5/6/08	Participate in group monitoring effort	Working with group of responsible agency	Share costs for monitoring and compliance

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit NOI to comply with Conditional Waiver of discharge requirements and MFAC (if Min Freq Asses. Schedule)	9/6/08			
			Implement Monitoring and Reporting Program (if full capture schedule)	5/6/08			
			Implement MFAC program (if Min Freq Asses. Schedule)	5/6/08			
			Installation of BMPs to achieve 10% reduction (if Min Freq Asses. Schedule)	3/6/11			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 20% reduction of trash from baseline WLA (if full capture schedule)	3/6/12			
			Installation of BMPs to achieve 30% reduction (if Min Freq Asses. Schedule)	3/6/12			
			Installation of BMPs to achieve 40% reduction of trash from baseline WLA (if full capture schedule)	3/6/13			
			Installation of BMPs to achieve 50% reduction (if Min Freq Asses. Schedule)	3/6/13			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 60% reduction of trash from baseline WLA (if full capture schedule)	3/6/14			
			Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/15			
			Installation of BMPs to achieve 100% reduction of trash from baseline WLA (if full capture schedule)	3/6/16			
7	Machado Lake in the Dominguez Channel Watershed Trash TMDL	3/6/08	Submit Monitoring and Reporting Plan (if full capture schedule)	9/06/08	Participate in group monitoring effort	Working with group of responsible agency	Share costs for monitoring and compliance

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit NOI to comply with Conditional Waiver of discharge requirements and MFAC (if Min Freq Asses. Schedule)	5/6/08			
			Implement Monitoring and Reporting Program (if full capture schedule)	5/30/08			
			Implement MFAC program (if Min Freq Asses. Schedule)	5/30/08			
			Installation of BMPs to achieve 10% reduction (if Min Freq Asses. Schedule)	3/6/11			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 20% reduction of trash from baseline WLA (if full capture schedule)	3/6/12			
			Installation of BMPs to achieve 30% reduction (if Min Freq Asses. Schedule)	3/6/12			
			Installation of BMPs to achieve 40% reduction of trash from baseline WLA (if full capture schedule)	3/6/13			
			Installation of BMPs to achieve 50% reduction (if Min Freq Asses. Schedule)	3/6/13			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Installation of BMPs to achieve 60% reduction of trash from baseline WLA (if full capture schedule)	3/6/14			
			Installation of BMPs to achieve 80% reduction of trash from baseline WLA (if full capture schedule)	3/6/15			
			Installation of BMPs to achieve 100% reduction of trash from baseline WLA (if full capture schedule)	3/6/16			
7, 8, and 12	San Gabriel River Metals TMDL	Pending	RB to reconsider TMDL based on 2006 303d list	Pending	No action	No action	No action
			Submit Coordinated monitoring plan	12/1/09 (tentative)			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Provide RB with results of Special Studies	11/30/12 (tentative)			
			Submit draft report outlining how will achieve compliance	11/30/12 (tentative)			
			Submit final report outlining how will achieve compliance	6/1/13 (tentative)			
			Demonstrated 50% of area (dry) and 25% of area (wet) is meeting WLA	11/30/14 (tentative)			
			Demonstrated 75% of area (dry) is meeting WLA	11/29/16 (tentative)			
			Demonstrated 100% of area (dry) and 50% of area (wet) is meeting WLA	11/29/18 (tentative)			
			Demonstrated 100% of area (wet) is meeting WLA	11/28/23 (tentative)			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Harbor Beaches of Ventura County Bacteria TMDL	Pending	Interim WLA in effect	12/1/08 (tentative)	No action	No action	No action
			Monitor existing stations at a weekly frequency	11/29/12 (tentative)			
			Submit draft work plan to implement dry weather source control and BMPs for the CIHB and HCB	5/31/09 (tentative)			
			Submit work plan for special studies at HCB (optional)	12/1/09 (tentative)			
			Submit a work plan piloting Structural BMPs for CIHB and HCB (optional)	5/31/10 (tentative)			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit draft work plan to implement wet weather source control and BMPs	5/31/10 (tentative)			
			Completion of Structural BMP pilot projects at CIHB (optional)	5/31/11 (tentative)			
			Completion of Structural BMP pilot projects at HCB (optional)	5/30/12 (tentative)			
			Submit final work plan to implement dry weather source control and BMPs at CIHB	5/30/12 (tentative)			
			Submit final work plan to implement wet-weather BMPs and source control at CIHB-	11/30/12 (tentative)			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit final work plan to implement dry weather source control and BMPs at HCB	11/30/12 (tentative)			
			Submit final work plan to implement wet-weather source control and BMPs	6/1/13 (tentative)			
			Final WLAs in effect for dry weather single sample and geometric mean targets at CIHB and HCB	12/1/13 (tentative)			
			Submit Compliance report to Executive Officer at CIHB and HCB	12/1/14 (tentative)			
			Submit Compliance report to Executive Officer at CIHB and HCB	11/30/16 (tentative)			

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
			Submit Final Compliance report for CIHB and HCB	12/1/18 (tentative)			
			All Final WLAs in effect	12/1/18 (tentative)			

**Table 6-2: District 7 TMDL Projects**

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
226614	07-LA-405, PM 30.30/36.10	In Los Angeles - Near Los Angeles, construct litter removal devices	\$3.634		37.25	14 (7 LR + 7 IB)	6/29/01A	4/25/05A	5/17/07A	All units are in operation.
2266A	07-LA-005, PM 6.80/18.40 07-LA-010, PM 9.20/14.20 07-LA-090, PM 1.80/ 2.80	In and near Los Angeles - at various locations on Routes 5, 10 and 90 - construct litter removal devices	\$6.556		78.83	35 (2 LR+33 IB)	6/29/01A	12/1/05A	7/24/09	In construction, anticipated CCA: 07/09.
226714	07-LA-060, PM 2.67/ 6.65 07-LA-710, PM 22.56/23.80	In Los Angeles - At various locations, construct litter removal devices (Phase 1)	\$3.759	31.20		31 (16 LR+15 IB)	6/29/01A	4/25/05A	8/21/07A	All units are in operation.

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
2267A	07-LA-010, PM 5.60/ 8.90 07-LA-091, PM 10.25/13.88 07-LA-105, PM 8.25/13.15 07-LA-110, PM 21.65/23.61	In Los Angeles - @ various locations on Rte. 10, 91, 105, 107 & 110 - construct litter removal devices (phase 2)	\$12.520	82.26	38.62	68 (14 LR+54 IB)	6/29/01A	6/08/07A	9/ /10	In construction
23131	07-LA-002, PM 15.40/21.46 07-LA-101, PM 7.21/ 7.21 07-LA-170, PM 14.87/19.92 07-LA-210, PM 22.73/23.88 07-LA-405, PM 25.46/29.41 07-LA-710, PM 19.70/19.70	In Los Angeles - various locations - construct litter removal devices	\$9,300	307.38	8.97	61 (26 LR+34 IB) (+1 Det. Basin)	9/13/01A	1/26/06A	9/30/08A	All units are in operation
23590	07-LA-005, PM 06.80/18.40 07-LA-101, PM 11.70/29.30 07-LA-134, PM 0.00/13.30	In Los Angeles - Los Angeles River Trash TMDL - construct trash removal devices (Phase 4 of 10)	\$5.930	49.06		32 (9 LR+22 IB)	3/21/06A	1/31/08A	2/ /2010	In construction.

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
25840	07-LA-005, KP 29.6/58.4	Trash TMDL for L.A. River, phase 1-C on Rte. 5 from Rte. 10 to Rte. 170	\$12.000			36	2/9/07A			Unprogrammed. PID completed.
25940	07-LA-210, KP R0.0/R30.42	Trash TMDL for L.A. River, phase 3-B on Rte. 210 from Rte. 5 to Rte. 2	\$14.000			30	3/28/07A			Unprogrammed. PID completed.
23860	07-LA-118, PM 0.0/13.9 07-LA-405, PM 37.03/47.85	In Los Angeles - at various locations - construct litter removal devices, Bio Swales/Strips, Media Filters and Infiltration Devices (Phase 6)	\$31.500			75 (38 GSRD, 10 BS, 25 MF, 2 IB)	6/28/07A			Unprogrammed. PM: Ashraf Habbak.
26080 K	07-LA-405, PM 6.1/7.3	In Los Angeles - at various locations - From Atlantic Ave. to Pacific Place - SW Treatment devices (Phase	\$2.640			4	9/27/07A			Unprogrammed. PID completed.

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
		2-C)								
23830 K	07-LA-110, PM 26.00/32.00	In Los Angeles - at various locations - Construct litter removal devices (Phase 5 of 10)	\$0			0	1/29/08A			Unprogrammed. PID Completed
23870	07-LA10 07-LA-90 07-LA-101 07-LA-110 07-LA-405	In Los Angeles - at various locations - Installing Trash Capture Devices (Phase 7)	\$59,300			62 (36 GSRD, 14 MF, 4 BS, 8 IB)	10/15/08 A			PID completed/
25850	Var	In Los Angeles - at various locations - soil stabilization and revegetation annual element	\$1.639				09/22/08	05/04/09		Programmed FY 08/09.
25860	Var	In Los Angeles - at various locations - soil stabilization and revegetation	\$1.639				09/19/08	05/11/09		Programmed FY 08/09.

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
		annual element								
25870	Var	In Los Angeles - at various locations - soil stabilization and revegetation annual element	\$1.688				12/29/09	04/29/11		Programmed FY 09/10.
25880	Var	In Los Angeles - at various locations - soil stabilization and revegetation annual element	\$1.688				12/30/09	04/29/11		Programmed FY 09/10.
25900	Var	In Los Angeles - L.A. River Metals TMDL - construct sand filters & infiltration devices Phase 2 of 10	\$31.433				07/ /10	03/ /11		Programmed FY 10/11.
25910	07-LA-90 PM 1.0/3.5	In Los Angeles - Ballona Creek Metals and Toxics TMDL - construct sand filters and	\$4.885			5 Total (4 MF, 1 IB)	04/30/08 A	12/ /10		Programmed FY 10/11.

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
		infiltration devices Phase 1 of 10								
25920	07-LA-10 and Var	In Los Angeles - Ballona Creek Metals and Toxics TMDL - construct sand filters and infiltration devices Phase 2 of 10	\$4.885				03/ /10	04/ /11		Programmed FY 10/11
25891	07-LA-5 PM 9.88 07-LA-710 PM 16.8 to 22.5	In Los Angeles, LA River Metals TMDL- construct media filter and infiltration devices Phase 1A of 10	\$4,995	14.15		5 Total (3 MF, 1 IB, 1 DB)	04/28/08 A	05/ /09		Split from EA 25890 Programmed for FY 08/09
25892	07-LA-60 PM 4.26 07-LA-170 PM 16.3 to 19.8	In Los Angeles- LA River Metals TMDL- construct media filters. Phase 1B of 10	\$4,995	6.44		3 Total (3 MF)	04/28/08 A	05/ /09		Split from EA 25890 Programmed for FY 08/09
25893	07-LA-101 07-LA-134 07-LA-170	In Los Angeles, LA River Metals TMDL-	\$18,500				4/28/08A	01/ /11		Split from EA 25890 Programmed for FY 10./11

EA	Routes & Post Miles	Location / Description	Cost (in millions of dollars)	Acres Treated L.A.	Acres Treated B.C.	NO. OF LOCATIONS	PAED	RTL	CCA	PROJECT STATUS / COMMENTS
	07-LA-210 07-LA-710 Var	construct media filters and infiltration devices Phase 1C of 10								