California Department of Transportation

Stormwater Management Program

District 8 Work Plan

Fiscal Year

2014–2015

CTSW-RT-13-286.12.2

California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
464 West Fourth Street, San Bernardino, California 92401-1400

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

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California Department of Transportation
District 8 Certification
District Work Plan 2014-15

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 ensure 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 to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)]

for **Basem E. Muallem, P.E.**

District 8 Director

9/3/13

Date

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1 Introduction

General Information about the District Work Plan

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

This DWP presents information about District 8's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2014-15. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

The DWP's seven sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the locations where spills from the District's owned rights-of-way, activities, roadways or facilities can discharge directly to a drinking water reservoir or groundwater recharge facility. In Section 5, the District's road segments prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, as well as the planned activities associated with municipal coordination, stormwater monitoring, and public education. Section 7 identifies the planned region-specific activities to address the total maximum daily loads (TMDLs) for which the District has been named a stakeholder, and other region-specific requirements where applicable.

District Goals and Commitments

The District 8 stormwater (SW) quality program will implement the following:

- The revised Caltrans SWMP is to be finalized by July 2014. Procedure changes that result from the new SWMP will be communicated to the District by the District NPDES Coordinator (DNC) and implemented by each Division.
- The Design Division will continue to promote and implement Low Impact Development principles in highway and drainage design, through participation on Project Development Teams and reviews.
- The Construction Division will participate on Project Development Teams and Constructability Reviews to get quality biddable and buildable projects. Construction will continue training and assisting Resident Engineers (REs) and other field staff in field implementation and Statewide Construction General Permit (CGP) requirements to attain Department goals.
- The Maintenance Division will continue to review projects under development and inspect them at the 90% walkthrough to ensure treatment BMPs are accessible and maintainable in the long term.
- Encroachment Permits will implement the revised Encroachment Permits Manual, which is currently being updated to include the latest MS4 Permit requirements. Each encroachment permit application will be reviewed for potential stormwater impacts, and stormwater controls will be implemented by a tiered system. Projects requiring coverage under the CGP must show evidence of coverage prior to issuance of the encroachment permit.

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2 District Personnel and Responsibilities

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Permit Registration Documents, including a Notice of Intent or NOI).

District NPDES Stormwater Coordinator

The District NPDES Coordinator (DNC) is a District senior-level employee who oversees the stormwater quality program in the District. The DNC is accountable for establishing an effective stormwater program and maintaining a liaison with Headquarters (HQ) and District Division Chiefs (DDC) for effective communication, collaboration, and coordination of stormwater activities. The DNC provides support, direction, and guidance to the other Stormwater Coordinators.

The DNC is responsible for informing each Division of statewide stormwater quality policies and guidance in District 8, and daily management of the District's stormwater quality program. The DNC is responsible for identifying issues, developing recommendations related to stormwater quality, and coordinating with the HQ Division of Environmental Analysis concerning water quality issues that affect the District. The DNC supervises staff, which supports and executes the activities of the DNC and the Stormwater Management Program.

The responsibilities of the DNC include:

- Providing guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Management Program, as directed in the DWP.
- Serving as the signatory authority in the District for Stormwater Data Reports (SWDRs) produced in each phase of project development.
- Evaluating needs and making recommendations for the stormwater workload allocations for the District 8 District Office of Stormwater Quality (OSWQ) for each fiscal year.
- Coordinating and tracking resource distributions, workloads, and projects within the OSWQ.
- Assisting the District's functional units in prioritizing, monitoring, tracking, and evaluating stormwater resources, activities, and operations.
- Implementing a quality assurance and quality control program for monitoring the activities of the District's functional units, in order to ensure that the conditions of the Permit, SWMP, and DWP are implemented properly.
- Providing guidance and direction necessary to develop strategies for addressing regulations and mandates on stormwater discharges set forth by federal, state, and local regulatory agencies.
- Representing the District as the primary liaison on stormwater and waste discharge issues with Headquarters, local MS4 co-permittees, the four RWQCBs in the District, the EPA, and the State Water Resources Control Board (SWRCB or State Board).
- Representing the District on the Water Quality Stormwater Advisory Team (WQSWAT) identified in the SWMP.
- Monitoring and evaluating the stormwater activities and procedures of municipalities, developers, and other agencies. Reconciling disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.

- Impartial and equitable decisions that benefit Caltrans in attaining the objectives of the Stormwater Management Program.
- Working as a leader and Chairperson of the District 8 NPDES Task Force.
- Overseeing public education and outreach efforts in the District.
- Providing District input on research proposals and implementation, development of training classes, and other work initiated by the Headquarters Stormwater Management Program.
- Although the Chief of the OSWQ in the Division of Engineering Services has been designated as the District NPDES Coordinator, the stormwater responsibilities are in addition to and separate from the responsibilities of the OSWQ.

District Design Coordinator

The District Design Coordinator (DDC) is also the functional manager for the OSWQ and is responsible for implementation of the SWMP and DWP within the Division of Design as it plans and designs transportation and transportation-related projects. The DDC also coordinates SWMP and DWP implementation with local agencies that sponsor projects on the U.S., State, and Interstate highway systems. With the assistance of the District OSWQ, and a separate Design Branch unit (Design L) specializing in the preparation of SWDRs and the design of treatment BMPs, the DDC provides or performs:

- Coordination of NPDES training for Design Staff. External agencies and consultants that plan and design highway projects are accommodated in this training on a space-available basis.
- Review of project plans and related documentation to ensure the proper and effective incorporation of BMP(s) during all three phases of project development - Project Initiation, Project Approval/Environmental Document (PA/ED), and preparation of Plans, Specifications, and Estimates (PS&E).
- Determination and evaluation of stormwater quality impacts during the California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) screening.
- District representation on the Project Development SWAT (PDSWAT).
- Implementation of policies and procedures to ensure Design compliance with the SWMP and NPDES Permit.
- Technical assistance to designers in proper implementation of BMPs into projects, including emergency projects.
- Support as requested to project engineers at public information meetings and environmental public hearings to explain stormwater elements in a given project.

Hazardous Waste Coordinator

The District Hazardous Waste Coordinator (HWC) is responsible for communicating with the DDC of Environmental Planning and the Environmental Engineering Office Chief for the proper implementation of the environmental engineering portion of the SWMP and DWP. The HWC ensures that the staff supports and properly executes the activities defined in the SWMP and DWP. The specific stormwater tasks for which the HWC is responsible are the following:

- Determination and evaluation of stormwater impacts during CEQA and/or NEPA screening for hazardous wastes.

- Providing information to the DNC regarding projects that invoke the Department of Toxic Substances Control (DTSC) Lead variance for soils containing aerially deposited lead.
- Overseeing activities related to notification procedures for reuse of soil containing lead in accordance with the variances issued by the DTSC to Caltrans.

Maintenance Coordinator

The Maintenance Coordinator (MC) is a Maintenance Superintendent responsible for communicating with the Deputy District Director of Maintenance and the Maintenance Supervisors regarding the proper implementation of maintenance-related sections of the SWMP and DWP. The MC reports all Illicit Connection/Illegal Discharge (IC/ID) activities to the DNC and coordinates stormwater training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The MC is chairperson of the Maintenance Operation Team (MOT) that meets routinely to discuss water quality issues, update the Maintenance portion of the DWP, and compile information for the Annual Reports, as well as the SWMP. The MC serves as the conduit for information between the DNC and maintenance offices, as well as the Headquarters Maintenance Program, including the Maintenance SWAT identified in the SWMP.

Construction Coordinator

The Construction Coordinator (CC) is a senior-level employee responsible for developing stormwater quality guidance and for the daily management of the Division of Construction's stormwater quality program. The CC is responsible for providing guidance to the Resident Engineer, in an advisory capacity, regarding the proper implementation of the SWMP and the DWP within its Division. The CC is also the functional manager of the Construction NPDES/Environmental unit. This unit oversees implementation of program requirements in the field during the construction phase of each project, and reviews projects in the PS&E phase to ensure adequate temporary BMPs have been included. The specific tasks for which the CC is responsible include:

- Serving as the primary point of contact for stormwater issues during the construction phase of each project.
- Developing and administering stormwater training for Construction staff.
- Reviewing and recommending approval of Stormwater Pollution Prevention Plans (SWPPP) as requested by the Resident Engineer.
- Tracking critical compliance milestones that occur before and during the course of construction.
- Conducting final project closeout inspections.
- Reviewing the Notice of Termination for SWPPP projects.
- Submitting approved SWPPPs to the RWQCBs as requested.
- Submitting reports to the RWQCBs as requested.
- Providing oversight inspections for highway projects administered by entities outside Caltrans.
- Reviewing, preparing and submitting Threat of Discharge reports.
- Preparing and submitting IC/ID Reports for Construction.
- Representing Construction in the District's NPDES Task Force Meetings.
- Providing input to the Annual Report.
- Participating on the Construction SWAT defined in the SWMP.

- Reviewing project documents during all phases of project development and providing input to the designer in determining specific project needs for temporary water pollution control during construction.

The CC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CC supports the design-related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Right-of-Way (ROW) Coordinator

The ROW Coordinator for the NPDES Task Force is currently a District Branch Chief of Property Management. This Coordinator is responsible for:

- Ensuring that stormwater training is available to ROW agents tasked with property inspection responsibilities.
- Ensuring that regular property inspections include stormwater inspections.
- Maintaining documentation of the inspection findings and corrective actions.
- Disseminating information and answering questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notifying the NPDES Task Force and/or the DNC of discharges or situations that appear to be in violation of Caltrans' Permit, SWMP, or DWP.
- Reporting instances where ROW conducts construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is an experienced Civil Engineer in the District Hydraulics functional unit, which is part of the Engineering Services Branch of the Division of Design. The HR is a member of the District NPDES Task Force responsible for providing information on permanent erosion control measures around culverts and other watercourses within the right-of-way, whether natural or man-made, except those structures assigned with a State Bridge Number, in which case erosion, scour, and related calculations are performed by Hydraulics Structures. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the DWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the DWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Public Affairs Coordinator

The Public Education Stormwater Coordinator is a member of the NPDES Task Force, which is responsible for maintaining an effective public information program as specified in this DWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensuring the publication of stormwater articles within District publications (e.g., newsletters and public information flyers).

- Ensuring that stormwater information is available at public events where Caltrans participates in public outreach, such as county fairs and environmental awareness events.

Encroachment Permits Coordinator

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

Landscape Architecture Coordinator

The Landscape Architecture units facilitate the incorporation of permanent erosion control measures into the planning, design, and construction of all projects in District 8. The District Landscape Architect or his delegate is the Landscape Architecture Coordinator (LAC), who is the primary point of contact between the other functional units, the NPDES Task Force, and the DNC. The LAC provides permanent erosion and sediment control training to Design personnel in coordination with the Headquarters Landscape Architecture Program (LAP), the Department of Environmental Analysis and the DNC. Furthermore, the LAC provides field support to Construction, Maintenance, and Permits when requested. The LAC also coordinates SWMP and DWP implementation with local agencies that sponsor projects on the U.S., State, and Interstate highway systems.

The specific stormwater tasks for which the LAC is responsible include the following:

- Evaluating stormwater impacts during CEQA/NEPA screening and project development.
- Evaluating and recommending permanent soil stabilization control and treatment control measures for addressing project stormwater impacts.
- Identifying the costs related to water pollution and erosion control on programming documents.
- Developing new specifications, details, and guidance materials related to erosion and sediment control.
- Preparing contracts at PS&E to address erosion and sediment controls for projects, including computational proof of post-construction soil stabilization per the CGP.
- Ensuring that when soil containing lead is reused in accordance with variances issued by the DTSC, it is stabilized as part of project design.
- Assisting the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications as requested.
- Assisting the DNC and MC in identifying, scoping and programming stormwater quality-related projects for the State Highway Operation and Protection Program.
- Assisting in the development of training programs, especially those for Landscape Architecture staff.
- Reviewing and approving erosion control plans for oversight projects.
- Participating in the PDSWAT identified in the SWMP.

The LAC acts as the liaison with the LAP to develop, submit, review, and approve all specifications and

details related to post-construction erosion and sediment control and vegetated treatment controls. Furthermore, the LAC is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to erosion and sediment control.

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

Table 2-1: District 8 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Patrick Hally	District Stormwater Coordinator, Chief-Office of Stormwater Quality	(909) 383-4948	patrick.hally@dot.ca.gov	Primary contact for all stormwater issues. Oversees the implementation of the Permit within the District. Final signatory authority on all Stormwater Data Reports. District representative on the WQSWAT and PDSWAT.
Rosanna Roa	Hazardous Waste Coordinator	(909) 383-5917	rosanna.roa@ dot.ca.gov	Primary contact for DTSC related stormwater issues.
Cindy Gano	Maintenance Stormwater Coordinator	(951) 314-3677	cindy.gano@ dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the SWMP in the Maintenance Division. District representative on the MSWAT. Third signatory on the long form SWDR.
David Meress	Construction Stormwater Coordinator	(909) 514-1071	dave.meress@ dot.ca.gov	Ensures that field construction personnel are appropriately trained to ensure compliance with water pollution control requirements. Conduct inspections to assist Resident Engineers in ensuring that stormwater controls are implemented on construction sites and in reviewing SWPPPs. District representative on the CSWAT.
Michael Yarbrough	Right-of-Way Coordinator	(909) 383-4581	michael.yarbrough@ dot.ca.gov	Primary contact for Right-of-Way related stormwater issues
Roy King	Engineering Services (Hydraulics) Coordinator	(909) 383-4555	roy.king@ dot.ca.gov	Primary contact for drainage-related stormwater issues.
Shelli Lombardo	Public Affairs Coordinator	(909) 383-6290	shelli.lombardo@ dot.ca.gov	Coordinates with the DNC for public outreach and education at public events.
Tan Nguyen	Encroachment Permits Stormwater Coordinator	(909) 383-7544	tan.d.nguyen@ dot.ca.gov	Primary contact for Permits-related stormwater issues.
Ray Desselle	Landscape Architecture Coordinator	(909) 383-4529	ray.desselle@ dot.ca.gov	Implementation of post-construction erosion and sediment control for Caltrans projects; oversight for same on projects administered by local agencies. Fourth signatory on the long-form SWDR.

Table 2-1: District 8 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Hortensia Irigoyen	Planning Stormwater Coordinator	(909) 383-5905	hortensia.irigoyen@ dot.ca.gov	Assists the DNC in Transportation Planning-related stormwater issues.
Wale Alofe	Project Management Stormwater Coordinator	(909) 381-1773	wale.alofe@ dot.ca.gov	Assists the DNC in Project Management-related stormwater issues.

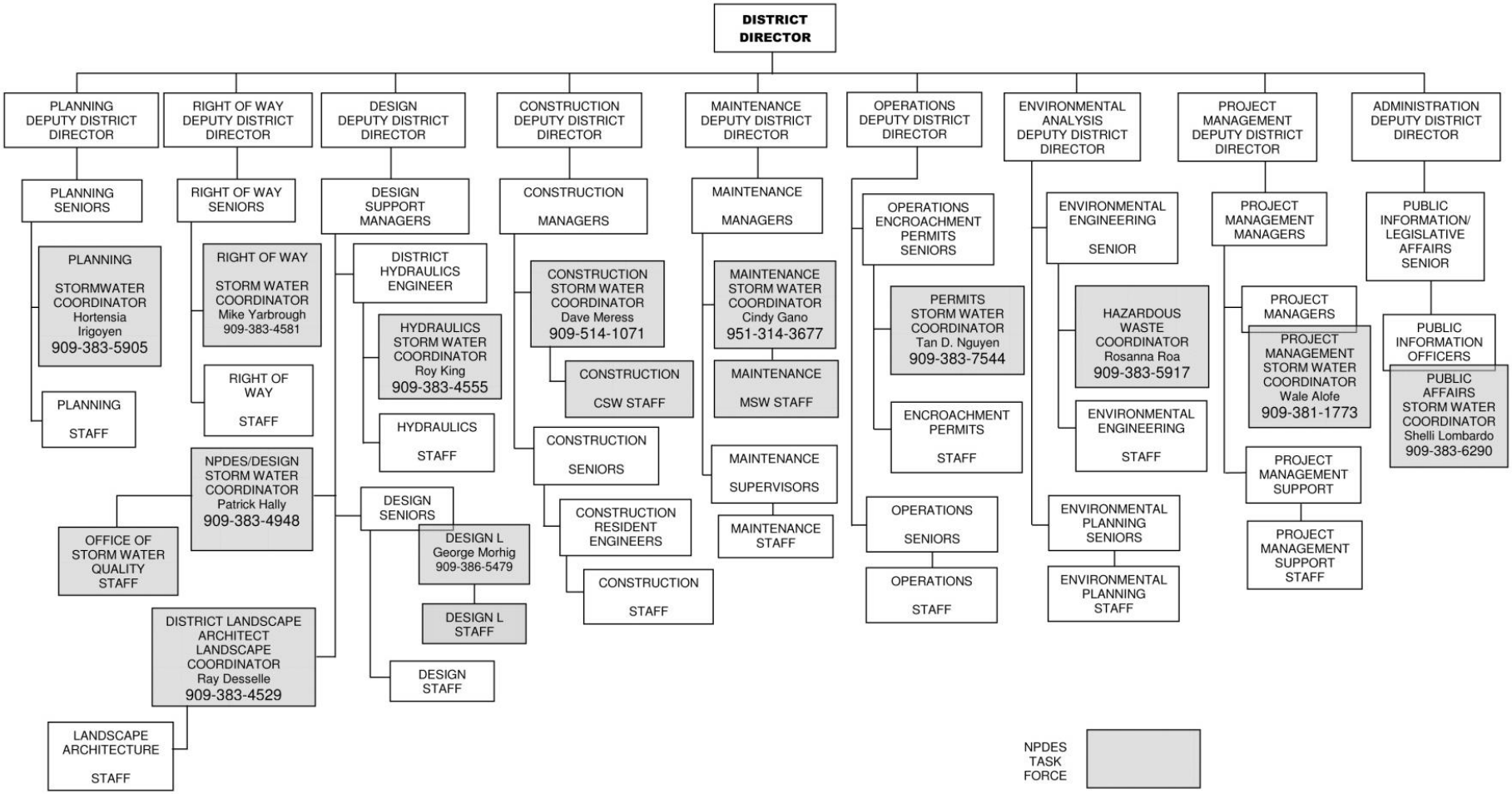
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater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

Table 2-2: District 8 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Basem E. Muallem, District Director	(909) 383-6914	basem.muallem@ dot.ca.gov	All District Documents. The role of Legally Responsible Person (LRP) has been delegated to the Deputy District Director of Construction, Hector Davila
Hector D. Davila, Deputy Director of Construction	(909) 383-4563	hector.d.davila@ dot.ca.gov	Acts as the LRP for the District, delegates LRP role to local agencies (LA) via cooperative agreement when contracts for highway improvements on Caltrans' right-of-way are administered by an LA having no real estate interest.
District NPDES Stormwater Coordinator	(909) 383-4948	patrick.hally@ dot.ca.gov	All SWDRs, technical reports to Regional Boards, NEPA/CEQA certification of project NPDES compliance
Construction Stormwater Coordinator	(909) 514-1071	dave.meress@ dot.ca.gov	Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, SWPPP Annual Report
Resident Engineer	-	-	Approved Signatory for NOI and PRDs on SWPPP projects. SWPPP Amendments, Notice of Termination, Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Report of IC/ID for Construction
Design Senior Engineer	-	-	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Maintenance Stormwater Coordinator	(951) 314-3677	cindy.gano@ dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID) for Maintenance, Facility Pollution Prevention Plans
Permits Coordinator, Permit Inspector	(909) 383-7544	tan.d.nguyen@ dot.ca.gov	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT

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

Figure 2-1: District 8 Organizational Chart



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3 District Facilities and Water Bodies

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

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4 Drinking Water Reservoirs and Recharge Facilities

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

Some drinking water reservoirs and recharge facilities are in locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and groundwater percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 8 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 8 is presented in Table 4-1.

Table 4-1: District 8 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County[1]	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 173, PM 17.8-21.5 SR 189, PM 3.5-5.5	SBd	6	Lake Arrowhead	Created in 1922, this lake is used for multiple purposes including water supply to a local community. The Lake Arrowhead Community Service District (LACSD) withdraws water from the lake for treatment and distribution to the Arrowhead Woods community for potable use.	LACSD emergency contact (909) 336-7100
SR 138, PM 24.9-32.4	SBd	6	Silverwood Lake	This lake was created in 1971 by the construction of the Cedar Springs Dam as a forebay on the California Aqueduct. The Crestline-Lake Arrowhead Water Agency (CLAWA) draws and treats lake water for a supplemental water supply to a portion of the San Bernardino Mountains.	CLAWA emergency contact (909) 338-1779

[1] SBd = San Bernardino; Riv = Riverside

Table 4-1: District 8 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County[1]	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 395, PM 6.0-6.8	SBd	6	California Aqueduct	Part of the State Water Project (SWP), this aqueduct brings water from the San Joaquin-Sacramento River Delta to southern California. The east branch of the aqueduct ends at Silverwood Lake. Water conveyed by the east branch is used for multiple purposes including agricultural and domestic supplies.	SWP emergency contact (916) 574-2714
I-10 PM 4.8	SBd	8	Princeton Basin	This small basin is owned by San Bernardino County Flood Control District (SBCFCD). The basin receives water from a series of basins leading from Cucamonga Canyon and is listed as a percolation basin.	SBCFCD emergency contact (909) 387-8063
I-15 PM 0.5-0.75	SBd	8	Wineville Basin	This basin is owned by SBCFCD. The basin receives water from Day Creek and the Etiwanda Channel and is used for flood control and groundwater recharge. The Chino Basin Watermaster (CBWM) was authorized under SWRCB Permit 19895 to recharge groundwater at this facility. The groundwater recharge was meant for irrigation, industrial and municipal uses.	SBCFCD emergency contact (909) 387-8063 CBWM emergency contact (909) 484-3888
I-15, PM 7.5	SBd	8	Victoria Basin	This basin is owned by SBCFCD. The basin receives water from East Etiwanda Creek and Etiwanda Channel and is listed as a percolation basin.	SBCFCD emergency contact (909) 387-8063
SR 74, PM 61.1-64.3	Riv	8	Lake Hemet	Created in 1895, this lake is currently owned and operated by the Lake Hemet Municipal Water District (LHMWD) and is primarily utilized as a domestic water supply. The primary inflow to the lake is the San Jacinto River.	LHMWD emergency contact (951) 658-3241

5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 8 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 8's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

Table 5-1: District 8 Inventory of Road Segments Prone to Erosion

County	Route	Post Mile Range Start	Post Mile Range End	Regional Board	Watershed	Scheduled Stabilization Date
SBD	138	32.942	33.043	6	Mojave River	TBD
SBD	015	171.418	171.495	6	Devil Canyon	TBD
SBD	015	174.043R	174.151R	6	Devil Canyon	TBD
RIV	074	79.199	79.209	7	Whitewater River	TBD
SBD	018	62.035	64.218	7	Arrastre Creek- Mellville Lake	TBD
SBD	038	15.395	46.015	7/8	Arrastre Creek-Mellville Lake/Bear Creek/ Headwaters Santa Ana River	TBD
SBD	010	33.210	33.310	8	Santa Ana River	TBD
SBD	010	19.998	R24.501	8	Santa Ana River	TBD
SBD	018	39.000	44.320	8	Santa Ana River	TBD
SBD	018	R11.001	22.155	8	Santa Ana River	TBD
RIV	074	61.003	62.605	8	Upper San Jacinto River	TBD
RIV	243	12.604	13.013	8	Upper San Jacinto River	TBD
RIV	243	7.291	7.492	8	Upper San Jacinto River	TBD
RIV	371	68.968	69.165	9	Santa Margarita River	TBD
RIV	371	76.072	76.413	9	Santa Margarita River	TBD

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 8 in 2013, including rock cut slopes, landslides, and moderate soil erosion.

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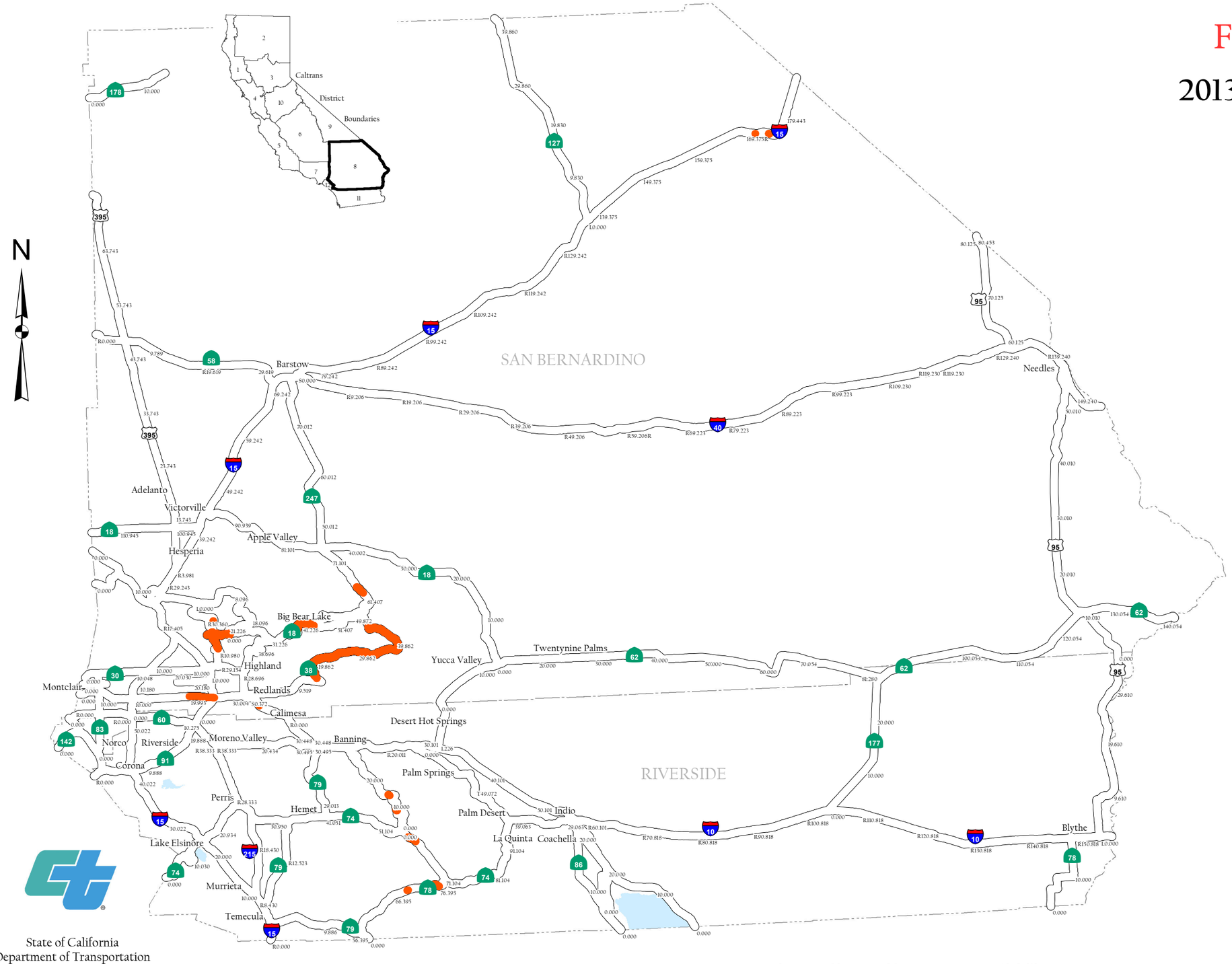
Figure 5-1: District 8

2013 Areas Prone to Erosion



Areas Prone to Erosion

DIST	CO	ROUTE	PM1	PM2
8	RIV	074	61.003	62.605
8	RIV	074	79.199	79.209
8	RIV	243	7.291	7.492
8	RIV	243	12.604	13.013
8	RIV	371	68.968	69.165
8	RIV	371	76.072	76.413
8	SBD	010	19.998	R24.501
8	SBD	010	33.210	33.310
8	SBD	015	171.418	171.495
8	SBD	015	174.043R	174.151R
8	SBD	018	39.000	44.320
8	SBD	018	62.035	64.218
8	SBD	018	R11.001	22.155
8	SBD	038	15.395	46.015
8	SBD	138	32.942	33.043

Legend

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

NOTE:

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

MAP INFORMATION

Projection: Albers Meters NAD 83
Project Location: f:\gis\2013_Erosion_District08.mxd

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

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6 Implementation

Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance activities is subject to change. These projects are limited to those meeting any of the following criteria:

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

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

1. Location (county, route and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies
6. Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Construction and Post-Construction Treatment Controls (types and quantities)
9. Dredge and fill (CWA-401) activities within the project
10. Other Regional Water Board Permits Required
11. Potential and Actual Impacts of Project's Discharge
12. Area of New Impervious Surface
13. Percentage of New Impervious Surface to Existing Impervious Surface

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

District 8 differentiates projects that have or will file a Notice of Intent under the Caltrans District 8 LRP ("State Advertised, Awarded and Administered") from projects that filed or will file a Notice of Intent under a Local Agency LRP ("Local Agency Advertised, Awarded and Administered"). For the projects in Table 6-2, the Legally Responsible Person (LRP) is an officer of the local agency administering the

contract, because the local agency either 1) has a real estate interest in the project, or 2) the LRP designation has been delegated to the agency by the District Director via the Construction Cooperative Agreement.

Since portions of RWQCB Regions 6, 7, 8 and 9 are within District 8, projects are sorted by Region, and then by the expense authorization number.

Table 6-1: District 8 Anticipated Project Development and Construction Schedule (State Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/ NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
1.	0C121	SBD	395	19	35.6	6	Widen & Construct Median	Fremont Wash, Unnamed Surface Waters	N	N	Minimized	24	24	-	SWPPP	E	01-May-08	11-Apr-11	27-Dec-12	29-Dec-14
2.	0G840	SBD	015	107.3	107	6	CV Kane Rest Area upgrade	Mojave River, Unnamed Washes	N	N	Minimized	10.25	7.5	NA	SWPPP	ID-2	28-Aug-08	29-May-12	25-Jun-13	04-Sep-14
3.	0J850	SBD	138	24.1	24.1	6	Horsethief Creek Bridge Replacement	Horsethief Creek	Y	N	Minimized	1.7	NA	NA	SWPPP	E	14-Nov-11	11-Sep-13	08-Aug-14	18-Dec-15
4.	0J930	SBD	015	147.6	148	6	Halloran Wash Bridge Rehab	Halloran Wash	Y	N	Minimized	0.8	-	-	WPCP	E	10-Jul-13	13-Dec-13	22-Sep-14	26-Dec-14
5.	0M280	SBD	015	172.1	174	6	Replace Cenda Ditch & Wheaton Wash bridges	Wheaton Wash	N	N	Minimized	7.1	6.6	1100.0	SWPPP	C	29-Jun-12	03-Feb-14	01-Dec-14	01-Dec-15
6.	0N970	SBD	395	35.5	45.9	6	Construct 4' Median buffer & widen shoulder	Unnamed Ephemeral Drainages	Y	N	NA	20	5	9.1	SWPPP	C	15-Jul-14	01-Dec-15	30-Nov-15	15-Nov-16
7.	0P390	SBD	018	101.5	116	6	Widen shoulder & construct rumble strips	Unnamed Surface Waters, Fremont Wash, Le Montaine Wash	Y	N	Minimized	27.8	10.5	17.7	SWPPP	E	30-Dec-13	15-Jun-15	23-May-16	20-Apr-18
8.	0Q600	SBD	002	3.6	4.1	6	Modify Levee & Place Rip Rap	Sheep Creek	Y	N	Minimized	0.65	-	-	WPCP	E	07-Feb-13	05-Jul-13	01-May-14	02-Jul-14
9.	0R120	SBD	040	0	25	6	Regrade median, Segment 1	Mojave River, Troy Dry Lake, Epheremal Drainages	Y	N	Minimized	>20	<1	<10	SWPPP	E	30-Sep-14	29-Jan-16	14-Dec-16	30-Nov-18
10.	0R540	SBD	010	32.5	42.2	6	Install Rock Blanket at exit gores	Oro Grande Wash	NA	NA	NA	1.6	1.4	NA	SWPPP	C	17-Oct-14	13-Nov-15	19-Aug-16	28-Apr-17
11.	0R710	SBD	015	87.2	91.8	6	Install double THRIE BEAM Barrier	Mojave River	NA	NA	NA	2.75	-	-	WPCP	E	21-Nov-13	20-Aug-14	06-Aug-15	04-Dec-15
12.	36850	SBD	015	177.3	181	6	Construct Truck Weigh Station (JPOE Stage 1)	Ivanpah Wash	Y	N	Minimized	131	25.3	NA	SWPPP	ID-2	31-Mar-06	07-Apr-10	29-Jul-13	14-Nov-14
13.	36851	SBD	015	87.1	181	6	Demolish Existing & Construct new Ag. Inspection Sta. (JPOE Stage 2)	Mojave River, Ivanpah Wash	Y	N	Minimized	>5	NA	NA	SWPPP	ID-1	31-Mar-06	20-Feb-14	17-Feb-14	15-Apr-15
14.	43541	SBD	040	18	18	6	Regrade and place rock slope protection	Crest Wash	Y	N	Minimized	0.85	-	NA	WPCP	E	26-Jul-12	22-Jan-13	03-Oct-13	20-Oct-14

[2] Supplemental Environmental Projects designated as "SEP."
[3] Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.
[4] Water bodies with designation for 303(d) designation are noted in parentheses.
[5] If yes, a 401 permit will be required for this project. NA = Not Available at this time.
[6] Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[7] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[8] A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.
[9] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 8 Anticipated Project Development and Construction Schedule (State Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/ NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
15.	0R160	SBD	040	50	75	6,7	Regrade median, Segment 3	Unnamed Washes, Boundary Wash And Orange Blossom Wash	NA	N	NA	>20	<1	<10	SWPPP	E	31-Jul-14	30-Nov-15	14-Oct-16	28-Sep-18
16.	0Q740	SBD	015	15.4	30.8	6,8	Rehab Mainline & Ramps; replace slabs (Design-Build)	Cajon Creek, Oro Grande Wash	N	N	Minimized	0.23	-	-	WPCP	E	16-Jan-13	-	17-Mar-14	11-Dec-15
17.	0R330	SBD	015	15	28.4	6,8	Groove pavement & place rumble strips	Oro Grande Wash, Cajon Creek	N	N	Minimized	<0.5	-	-	WPCP	E	30-Aug-13	04-Aug-14	20-Apr-15	18-Aug-15
18.	0F660	SBD	247	1.8	9.6	7	Construct standard shoulder	Unnamed Washes, Pipes Wash	N	N	Minimized	20.8	8.55	148.9	SWPPP	E	15-Mar-10	23-May-13	16-May-14	30-Jan-15
19.	0G900	SBD	247	9.6	20.3	7	Construct standard shoulder	Unnamed Washes	Y	N	Minimized	49.4	19.8	66.6	SWPPP	IF	28-Dec-12	09-Feb-15	19-Jan-15	04-Nov-15
20.	0K230	RIV	010	57.6	60.9	7	Coachella Pavement Rehab	(Coachella Valley Storm Channel)	N	N	Minimized	0.9	-	-	WPCP	E	04-Sep-07	15-Feb-12	02-Jan-14	28-Jul-14
21.	0K280	SBD	040	73	89	7	Grind 45 mm and overlay 60 mm ac	Unnamed Washes, Clipper Wash, Van Winkle Wash	N	N	Minimized	-	-	-	WPCP	E	04-Sep-07	01-Aug-13	04-Dec-13	28-Aug-14
22.	0K310	SBD	095	51.22	51.7	7	Vertical curve correction	Unnamed Ephemeral Streams	Y	N	Minimized	4.8	0.6	<50	SWPPP	E	13-Jan-12	06-Sep-12	13-Nov-13	18-Nov-14
23.	0L590	RIV	010	135	135	7	Replace septic tank and pumps	Surface Water	N	N	Minimized	0.13	-	-	WPCP	E	20-Jan-09	09-Nov-11	03-Jul-14	22-Dec-14
24.	0L850	RIV	010	27.7	27.7	7	Install rock slope protection	Whitewater River	Y	NA	Minimized	NA	NA	NA	TBD	E	01-Aug-13	3-Feb-14	13-Jun-14	22-Dec-14
25.	0M690	SBD	095	57	57.3	7	Americans with Disabilities Act (ADA) Improvements @ Safari Dr.	Colorado River	N	N	Minimized	0.5	0.2	<20	WPCP	E	11-Oct-10	14-Dec-12	26-Aug-13	28-Jul-14
26.	0N540	SBD	062	32.7	33.5	7	ADA Improvements	Unnamed Ephemeral Drainages	N	N	Minimized	0.7	0.6	<20	WPCP	E	02-Apr-12	21-May-14	02-Jan-15	07-Dec-15
27.	0N550	SBD	040	105.2	107	7	Bridge replacement	Watson Wash	Y	NA	NA	36.3	-	-	SWPPP	E	03-Jan-14	05-Jan-15	19-Oct-15	03-Nov-16
28.	0Q790	SBD	040	93.1	94.2	7	Hoff Bridge Replacement	Hoff Wash	Y	N	NA	>1	<1	NA	SWPPP	E	24-Mar-14	19-Mar-15	29-Dec-15	08-Jun-17
29.	37870	SBD	062	142.2	143	7	Replace Colorado River Bridge	Colorado River	Y	N	Minimized	12.7	0.8	10.9	SWPPP	E	30-Jun-08	24-Sep-09	03-Mar-11	15-Oct-14
30.	44910	RIV	111	1.1	1.9	7	Salton Creek Bridge	(Salton Sea)	Y	N	Minimized	2.9	0.1	19.6	SWPPP	E	26-Jun-12	18-Mar-13	24-Mar-14	30-Jun-15
31.	49180	RIV	062	0	6.7	7	Pavement & Roadside Rehab	Garnet & Morongo Washes, Mission Creek, unnamed washes	N	N	Minimized	22.3	4.5	NA	SWPPP	E	30-Aug-05	01-Oct-12	13-Sep-13	04-Jul-14
32.	0G620	SBD	038	15	49.5	7,8	Pavement Rehab & Install new Guardrail	(Mill Cr Rch 2), (Mtn Home Crk East Fork), Glenn Martin, Cold, Forsee, Stetson, Round Cienega, Barton, Little Morongo, Arrastre Creeks, (Santa Ana River Rch 6), Baldwin Lake	N	N	Minimized	0.19	0.19	<10	WPCP	E	01-Sep-05	19-Jul-13	30-Apr-14	19-Dec-14

Table 6-1: District 8 Anticipated Project Development and Construction Schedule (State Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/ NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
33.	0Q890	VAR	VAR	VAR	VAR	7,8	Rehab Bridge decks @ various locations	TBD	NA	NA	NA	<1	-	-	WPCP	E	02-Jun-14	01-Jun-15	-	-
34.	0C820	RIV	015	40	41.3	8	Replace planting, install irrigation, pave gore areas	(Temescal Creek Rch 1)	N	N	stabilizes soils	0.4	0.4	3.0	WPCP	E	17-Dec-08	01-Mar-11	07-Sep-11	12-Mar-15
35.	0F100	SBD	071	4.8	8.5	8	Tree planting	(Chino Creek Rch 1b)	N	N	stabilizes soils	0.78	-	-	SWPPP	-	31-Oct-06	25-Nov-09	11-Apr-11	25-Aug-15
36.	0G800	SBD	038	47.5	59.3	8	Reline or replace existing culverts	Baldwin Lake, (Big Bear Lake), (Grout Creek)	NA	NA	NA	< 1 ac	-	NA	WPCP	E	02-Mar-15	01-Jun-16	22-Mar-17	30-Mar-18
37.	0K771	SBD	015	22	25.8	8	Replace Existing Guardrail	Cajon Wash	N	N	Minimized	0.9	-	-	WPCP	E	26-Mar-13	11-Apr-14	10-Jul-14	24-Apr-15
38.	0M450	SBD	038	5.2	5.5	8	Add Left-turn pockets @ Garnet St.	(Mill Creek Rch 1), Zanja Creek	N	N	Minimized	1.9	0.8	<50	SWPPP	E	04-Feb-10	11-Jan-13	25-Nov-13	15-Dec-14
39.	0N670	RIV	074	28.1	37.4	8	Construct Raised Median Curb	Surface Waters Trib. To San Jacinto River	NA	NA	NA	15	15	22.0	SWPPP	E	06-Aug-14	26-Jul-17	28-Jun-18	06-Feb-20
40.	0N680	SBD	071	1.6	1.6	8	Widen offramp from the outside shoulder	(Chino Creek Rch 2)	N	N	Minimized	0.8	0.07	NA	WPCP	E	28-Apr-11	05-Aug-14	02-Feb-15	20-Jul-15
41.	0N69U	RIV	60	22.2	26.5	8	Construct Truck Climbing & Truck Descending Lanes	Unnamed Ephemeral Drainages	NA	NA	NA	>50	>40	>100	SWPPP	C	01-Aug-14	01-Feb-16	05-Jan-17	16-Jan-19
42.	0P280	RIV	060	1.5	1.5	8	Signal & left turn pocket @ Etiwanda	Day Creek	N	N	Minimized	1.5	0.7	39.4	SWPPP	E	23-Mar-12	16-Sep-13	28-Aug-14	13-Aug-15
43.	0Q180	RIV	060	22.2	26.5	8	Construct L & R shoulder, WB only	Unnamed Ephemeral Drainages, San Timoteo Creek	Y	NA	NA	>10	7.8	<20	SWPPP	C	01-Aug-14	02-Dec-15	28-Nov-16	03-Dec-18
44.	0Q300	SBD	138	17.1	19.2	8	Realign and widen highway	Crowder Cr	Y	NA	NA	NA	NA	NA	SWPPP	C	16-Jan-14	03-Mar-14	27-Nov-14	31-Jul-17
45.	0Q760	SBD	010	0	30.9	8	Pavement rehab	(San Antonio Crk),(Cucamonga Crk,-Valley Reach), Day Crk, (Warm Crk), (Sa River Reach 4), San Timoteo Wash	N	N	NA	RM	-	-	WPCP	E	02-Mar-15	03-Nov-16	03-Oct-17	04-Apr-19
46.	0R260	SBD	018	11	17.8	8	Construct catwalks on existing bridges	Waterman Canyon Creek, East Fork Devil Canyon Creek	NA	NA	NA	<0.25	NA	NA	WPCP	E	01-Oct-14	27-Jul-15	01-Jun-16	18-May-17
47.	0R450	SBD	015	20	23	8	Install Vegetation control under guardrail	Cajon Wash & its unnamed tribes	NA	NA	NA	3.0	2.9	NA	SWPPP	C	18-Jul-14	14-Aug-15	20-May-16	20-Jan-17
48.	1A450	SBD	015	3.5	5.8	8	Construct new Interchange (IC) @ Arrow Route	Day Creek	NA	NA	NA	>10	>5	NA	SWPPP	C	16-Sep-14	28-Feb-17	10-Nov-17	03-Nov-20
49.	1A830	SBD	010	17.8	19.3	8	Modify Cedar IC and Widen Cedar Ave	(Santa Ana River Reach 4)	Y	N	Minimized	15.8	6.1	NA	SWPPP	C	31-Dec-12	07-Mar-14	07-Jul-14	30-Oct-15

Table 6-1: District 8 Anticipated Project Development and Construction Schedule (State Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/ NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
50.	33486	RIV	215	43.8	43.9	8	Highway Landscaping	(Santa Ana River Reach 4)	N	N	Minimized	31.1	1.2	<10	SWPPP	E	17-Oct-07	28-Jan-10	29-Apr-11	30-Apr-15
51.	38350	RIV	074	63	63	8	Reconstruct Hurkey Creek Bridge	Hurkey Creek, Lake Hemet (DW)	Y	Y	Minimized	0.55	0.11	50.0	WPCP	E	29-Jun-12	02-Oct-13	02-Jul-13	11-Jul-14
52.	47222	SBD	015	3.8	12.8	8	Widen & rehab pavement	Day Creek, East Etiwanda Creek, San Sevaine Wash & Tributaries	N	N	Minimized	137	65	55.1	SWPPP	ID-2, BS-5	01-Mar-04	14-Apr-11	04-Apr-12	22-Oct-14
53.	0E420	SBD	215	11	11	8	Widen Overcrossing (OC), Modify ramps @ University Pkway Interchange	Unnamed Surface Waters	NA	NA	NA	NA	NA	NA	SWPPP	C	01-Oct-14	NA	NA	NA
54.	0M420	RIV	074	6.9	10.2	8,9	Install Guardrail	Unnamed Ephemeral Drainages	N	N	Minimized	0.7	NA	NA	WPCP	E	26-Jul-12	28-Feb-13	22-Oct-13	24-Sep-14
55.	0P490	RIV	60	12.1	12.9	8,9	Replace Guardrail w/ Conc. Barrier	(Santa Ana River Rch 4)	NA	NA	Minimized	0.2	NA	NA	WPCP	E	02-Sep-13	01-Jan-14	18-Jun-14	22-Dec-14

Table 6-2: District 8 Anticipated Project Development and Construction Schedule (Local Agency Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[10],[11]	Water Bodies Within or Adjacent to Project Limits[12]	Dredge and Fill Activities (Y/N/ NA)[13]	Other Regional Water Board Permits Required[14]	Potential and Actual Impacts of Project's Discharge[15]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[16]	Post-Construction Treatment Control Type, Quantity[17]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
1.	0F630	SBD	395	4	19.4	6	Widen to add lanes & LTL; adjust vertical profile	Unnamed Washes, CA Aqueduct	Y	NA	Minimized	149	71.5	106.7	SWPPP	C	31-Dec-09	03-Oct-14	09-Jul-15	23-Jun-17
2.	0N580	SBD	018	94.3	94.4	6	Hwy Realignment in Apple Valley	Desert Knolls Wash	Y	N	Minimized	NA	1.5	100.0	SWPPP	C	30-Jan-13	03-Jun-13	02-Oct-13	01-Jul-14
3.	34160	SBD	015	29.5	30.9	6	Construct new IC @ Ranchero Rd	Oro Grande Wash	Y	N	Minimized	48.4	11.1	45.3	SWPPP	ID-2, BS-4	18-Mar-10	15-May-12	09-Dec-12	20-Oct-14
4.	0M900	RIV	111	18.4	18.4	7	Construct Railroad Overhead Structure @ Ave 66	Unnamed Surface Waters	NA	NA	-	NA	NA	NA	SWPPP	C	04-May-15	02-Aug-17	03-Nov-17	04-Nov-19
5.	0Q160	SBD	062	30.7	32.8	7	Encelia to Split Rock-Widening	Unnamed Ephemeral Drainages	NA	NA	Minimized	NA	NA	NA	SWPPP	C	01-Apr-13	02-Dec-13	17-Mar-14	03-Nov-14
6.	0071J	SBD	215	7.5	9	8	Highway Planting	(Lytle Creek)	N	N	Stabilizes Soils	RM	-	-	WPCP	E	21-Dec-12	31-Dec-14	01-Oct-15	05-Aug-19
7.	0071L	SBD	215	8.9	10	8	Highway Planting	(Lytle Creek)	N	N	Stabilizes Soils	RM	-	-	WPCP	E	21-Dec-12	15-Apr-15	31-Mar-16	03-Feb-21
8.	0C700	SBD	210	22.3	32.6	8	Add High Occupancy Vehicle (HOV) Lanes & Modify or Reconstruct Bridges	(Lytle Creek), City Creek, and East Twin Creek	NA	NA	NA	170	72	44.4	SWPPP	C	28-Nov-14	30-Jan-17	09-Aug-17	06-May-19
9.	0E150	RIV	015	47.8	49.1	8	Limonite IC Improvements	(Santa Ana River Rch 3)	NA	NA	NA	31	18	NA	SWPPP	C	17-Oct-14	11-Jan-17	02-Oct-17	23-Mar-20
10.	0F150	SBD	010	33.3	36.9	8	WB Lane Addition	Santa Ana River Reach 5, San Timoteo Creek	N	N	Minimized	13.3	5.4	<50	SWPPP	BS-5	30-Jul-07	01-Sep-09	07-Mar-11	01-Dec-14
11.	0F540	RIV	091	0	13	8	Widen to add Lanes-Design-Build Project	(Santa Ana River Reach 2 & 3), Wardlow Wash, (Temescal Cr Rch 1)	Y	Y	Minimized	321	100	NA	SWPPP	C	10-Aug-12	14-Oct-14	24-Mar-13	19-Jul-18
12.	0H130	SBD	015	10.3	11.4	8	New Interchange @ Duncan Cyn Rd	San Sevaine Channel	N	N	Minimized	35.1	9.6	37.3	SWPPP	D-1, BS-8	03-Dec-09	14-May-12	15-Oct-12	14-Oct-14
13.	0J070	SBD	215	0.8	1.8	8	Reconstruct Barton Rd Interchange	(Santa Ana River Rch 4)	Y	N	Minimized	19.1	2.1	10.1	SWPPP	C	10-Jul-13	19-Nov-14	16-Jun-15	11-Dec-17
14.	0J080	RIV	015	36.8	51.4	8	(also SR 91) Widen for new toll lanes	Day Ck., Prado Fld Contr Basin, (Temescal Ck Rch 1), (Lake Elsinore), San Jacinto Riv., (Murrieta Ck.)	Y	NA	NA	>100	NA	NA	SWPPP	C	01-Jun-15	19-Dec-17	24-Oct-18	18-Oct-21

[10] Supplemental Environmental Projects designated as "SEP."
[11] Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.
[12] Water bodies with designation for 303(d) designation are noted in parentheses.
[13] If yes, a 401 permit will be required for this project. NA = Not Available at this time.
[14] Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[15] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[16] A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.
[17] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-2: District 8 Anticipated Project Development and Construction Schedule (Local Agency Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[10],[11]	Water Bodies Within or Adjacent to Project Limits[12]	Dredge and Fill Activities (Y/N/ NA)[13]	Other Regional Water Board Permits Required[14]	Potential and Actual Impacts of Project's Discharge[15]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[16]	Post-Construction Treatment Control Type, Quantity[17]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
15.	0J120	SBD	010	13.7	14.6	8	Construct new Interchange @ Beech Ave	I-10 Channel	NA	NA	NA	>5	NA	NA	SWPPP	C	01-Jun-15	01-Aug-17	05-Apr-18	04-Dec-19
16.	0J440	RIV	215	17.7	19.3	8	Widen Interchange @ Newport Rd	Salt Creek	Y	N	Minimized	35	5.6	23.0	SWPPP	C	08-Nov-12	04-Sep-13	26-Dec-13	24-Jun-15
17.	0M630	SBD	215	1.99	3.09	8	Reconstruct Mt Vernon-Wash. Interchange	(Santa Ana River Rch 4)	Y	NA	Minimized	>20	NA	NA	SWPPP	C	09-Dec-13	26-Jun-15	16-Jun-16	12-Dec-18
18.	0P760	SBD	066	21.1	21.5	8	Interchange Improvements @ State St.	(Lytle Creek)	NA	NA	Minimized	NA	NA	NA	WPCP	E	28-Feb-13	03-Mar-14	02-Jul-14	01-Jul-15
19.	0Q320	SBD	210	30.2	30.2	8	SR 210/5th Street Tie-Back Wall	Plunge Creek, City Creek	N	N	Minimized	>1	NA	NA	SWPPP	E	01-Apr-13	05-Aug-13	05-Nov-13	04-Aug-14
20.	0Q670	RIV	215	27.3	28.3	8	IC Improvements @ Nuevo Rd	Perris Valley Storm Drain	N	N	Minimized	2	0.7	22.6	SWPPP	E	01-Mar-13	06-Mar-13	31-May-13	20-Jan-15
21.	1E000	SBD	83	1.7	2.1	8	Widen & Storm Drain improvements	(Chino Cr Rch 1B)	NA	NA	Minimized	>1	NA	NA	SWPPP	C	15-Dec-13	15-Dec-13	4-Mar-14	4-Nov-14
22.	1E030	SBD	10	20.7	21.3	8	Modify Interchange @ Pepper Ave.	(Santa Ana River Reach 4)	NA	NA	NA	>1	NA	NA	SWPPP	C	30-May-14	26-Sep-14	13-Feb-15	14-Jan-16
23.	34141	RIV	060	29	30.2	8	Construct 6-Lane OC @ Portrero Rd, phase 1	San Timoteo Wash	N	N	Minimized	18.9	1.8	NA	SWPPP	BS-5, D-1	31-Jan-13	1-Sep-13	15-Jan-14	3-Jun-14
24.	34142	RIV	060	28	30	8	Construct Ramps & Loc. St Connections @ Portrero Rd, phase 2	San Timoteo Wash	Y	N	Minimized	54.6	20.75	NA	SWPPP	BS-5, D-1	31-Jan-13	1-Aug-14	8-Aug-15	28-May-16
25.	44394	SBD	210	20	20	8	Construct new IC @ Pepper Ave	(Lytle Creek)	Y	N	Minimized	>5	NA	NA	SWPPP	C	16-Oct-13	01-Sep-14	30-Jan-15	17-Feb-16
26.	44811	SBD	010	25.3	27.3	8	Construct EB Aux Lane, EB offramp & widen bridge @ Tippecanoe-Phase 1	San Timoteo Creek, Santa Ana River Reach 5	Y	N	Minimized	6.1	0.8	4.8	SWPPP	BS-1	-	22-Dec-11	20-Aug-12	01-Sep-14
27.	44812	SBD	010	25.3	27.3	8	Construct WB Ramps @ Tippecanoe-Phase 2	San Timoteo Creek, Santa Ana River Reach 5	N	N	Minimized	16.2	-1.1	-5.2	SWPPP	BS-2	27-Jan-2011	01-Jul-13	03-Dec-13	04-Dec-15
28.	46420	RIV	074	27.3	27.6	8	Reconstruct Interchange @ I-215	Unnamed Tributary To San Jacinto River.	N	N	Minimized	29.5	5.6	88.7	SWPPP	ID-3	10-Mar-09	17-Nov-09	02-Aug-10	22-Jul-15
29.	46800	SBD	010	12.3	14.1	8	Reconstruct Cherry Avenue IC & widen Cherry Ave	(Santa Ana River Reach 3)	N	N	Minimized	26.4	5.9	23.0	SWPPP	BS-4	02-Mar-09	08-Sep-11	08-Apr-12	06-Oct-14
30.	49710	SBD	015	6.3	7.1	8	I-15 Baseline IC	San Sevaine Channel	Y	N	Minimized	57.4	6.4	30.9	SWPPP	BS-9	30-Sep-11	01-Aug-13	10-Apr-14	02-Oct-15
31.	0F162	RIV	215	15.5	28.1	8,9	Widen to add Lanes	Unnamed Washes, San Jacinto River	Y	N	Minimized	281	43.5	31.7	SWPPP	BS-34	13-Apr-11	07-May-12	11-Nov-12	16-Nov-15
32.	0F163	RIV	215	8	10	9	Widen SB Connector @ Murrieta Hot Springs Rd	(Murrieta Creek) , (Warm Springs Creek)	N	N	Minimized	2.41	1.27	-	SWPPP	C	01-Oct-13	01-Sep-14	30-Apr-15	17-Oct-16
33.	0H380	RIV	015	9.5	10.5	9	Widen & reconstruct Bridge @ Los Alamos Rd.	(Murrieta Creek) and Santa Margarita River	N	N	Minimized	2.0	0.7	<50	SWPPP	E	27-May-10	01-Nov-12	29-May-13	27-Oct-14

Table 6-2: District 8 Anticipated Project Development and Construction Schedule (Local Agency Advertised, Awarded and Administered)

No.	EA	Project Location					Project Description[10],[11]	Water Bodies Within or Adjacent to Project Limits[12]	Dredge and Fill Activities (Y/N/ NA)[13]	Other Regional Water Board Permits Required[14]	Potential and Actual Impacts of Project's Discharge[15]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/ WPCP/TBD)[16]	Post-Construction Treatment Control Type, Quantity[17]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
34.	0K400	RIV	079	7.6	8.4	9	Improvements @ Winchester Road	Unnamed tributaries to (Warm Springs Creek)	N	N	Minimized	1.8	1.0	125.0	SWPPP	MF-3 (DEVELOPER)	01-Apr-09	02-Sep-11	05-Mar-14	02-Dec-14
35.	0L190	RIV	079	7.6	8	9	Modify Benton Road Intersection	French Valley Creek	NA	N	Minimized	3.1	1.6	<50	SWPPP	BS-1	05-Jan-09	01-Dec-11	05-Mar-14	02-Dec-14
36.	0Q530	RIV	015	8.8	9.9	9	IC Improvement @ Murrieta Hot Springs	Unnamed tributaries to (Murrieta Creek)	NA	NA	Minimized	>1	>1	NA	SWPPP	C	03-Jun-13	03-Dec-13	04-Feb-14	01-Sep-14
37.	43230	RIV	015	3	4	9	@SR-79 South, IC Improvements	(Murrieta Creek), (Upper Santa Margarita River), (Temecula Creek)	N	N	Minimized	25	3.4	NA	SWPPP	BS-2, MF-1	08-Oct-09	04-Feb-14	20-Aug-14	08-Dec-15
38.	43272	RIV	015	5.5	9.6	9	Construct French Valley IC, Phase 2	(Santa Margarita River), (Temecula Creek)	N	N	Minimized	>5	NA	NA	SWPPP	C	29-Jan-10	12-Dec-14	20-Jul-15	15-Jan-18

Treatment Control Status Legend

BMP Device Types:

BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
E	Exempt
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices
IF	Infiltration Device – Water quality volume (WQV) infiltrates within the right of way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

Table 6-3 planned maintenance activities that disturb soil and involve water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

Table 6-3: District 8 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities														
No.	**Co.**	**Route**	**PM**	**Regional Board**	**Description**	**Water Bodies Affected[18]**	**Other Regional Water Board Permits Required[19]**	**Potential and Actual Impacts of Project's Discharge[20]**	**Disturbed Soil Area (acres)**	**Area of New Impervious Surface (acres)**	**Percentage of New Impervious Surface to Existing Impervious Surface**	**Construction Controls Type, Quantity[21]**	**Post-Construction Treatment Control Status Type, Quantity[22]**	**Start Date**	**Completion Date**
1.	SBD	I-15	44.4-52.0	6	Crack sealing, grader blankets, materials pass, SC-3000 and cinders; winter snow activities	Mojave River	NA	Minimized per approved SWMP	-	-	-	Per Maintenance SW Handbook, Qty TBD	Per approved SWMP	8/14	10/15
2.	SBD	SR-138	24.5 / 37.0	6, 8	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Silverwood Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance SW Handbook	Per approved SWMP	7/1/14	6/30/15
3.	SBD	SR-173	13.8 / 23.0	6	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Arrowhead Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance SW Handbook	Per approved SWMP	7/1/14	6/30/15
4.	SBD	SR-189	1.0/5.6	6	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Arrowhead Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance SW Handbook	Per approved SWMP	7/1/14	6/30/15
5.	SBD	I-15	R20.0-R29.5	6, 8	Winter snow activities, culvert clearing	Cajon Creek	NA	Minimized per approved SWMP	-	-	-	Per Maintenance SW Handbook	Per approved SWMP	12/14	2/15
6.	SBD	SR-18	44.3 / 52.7	8	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/imported material, winter snow and ice control	Big Bear Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance SW Handbook	Per approved SWMP	7/1/4	6/30/15

[18] Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW."
[19] Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[20] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[21] Construction Controls identified by: device type/number of devices. See Construction Controls Legend below for device type abbreviations.
[22] 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.

Construction Controls Legend		Treatment Control Status Legend	
BMP Device Types:		**BMP Device Types:**	
Temporary Soil Stabilization BMPs			
SS-1	Scheduling	BS	Biofiltration Strips and/or Swales
SS-2	Preservation of Property/Preservation of Existing Vegetation	C	Under Consideration
SS-3	Temporary Hydraulic Mulch (Bonded Fiber Matrix or Polymer Stabilized Fiber Matrix)	D	Detention Devices
SS-4	Temporary Erosion Control (With Temporary Seeding)	E	Exempt
SS-5	Temporary Soil Stabilizer	DWFD	Dry Weather Flow Diversion
SS-6	Temporary Erosion Control Blanket (On Slope)	GSRD	Gross Solids Removal Devices
SS-7	Temporary Erosion Control Blanket (On Slope or In swale or ditch)	ID	Infiltration Devices
SS-8	Temporary Mulch (Wood)	MF	Media Filters
SS-9	Earth Dikes/Drainage Swales & Lined Swales	MCTT	Multi-chambered Treatment Trains
SS-10	Outlet Protection/Velocity Dissipation Devices	TST	Traction Sand Traps
SS-11	Slope Drains	WB	Wet Basins
SS-12	Streambank Stabilization		
Temporary Sediment Control BMPs			
SC-1	Temporary Silt Fence		
SC-2	Temporary Sediment Basin		
SC-3	Temporary Sediment Trap		
SC-4	Temporary Check Dam		
SC-5	Temporary Fiber Rolls		
SC-6	Temporary Gravel Bag Berm		
SC-7	Street Sweeping		
SC-8	Temporary Sandbag Barrier		
SC-9	Temporary Straw Bale Barrier		
Temporary Tracking Control BMPs			
TC-1	Temporary Construction Entrance		
TC-2	Stabilized Construction Roadway		
TC-3	Temporary Entrance / Outlet Tire Wash		

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Table 6-4 lists the District's planned general program management practices, such as monitoring activities, public education and participation, municipal coordination, including any cooperative agreements that may be in effect with local agencies.

Table 6-4: District 8 General Management Practices

Monitoring Activities

The District plans to:
• Work with each Regional Board within its jurisdiction, in conjunction with the State Board and the HQ Division of Environmental Analysis, to develop monitoring plans for each TMDL in which the District is named, as appropriate for Phase I or Phase II.
• Inspect construction activities through the Construction Compliance Monitoring Program; results will be provided in the Annual Report.
• Review and approve sampling and analysis plans in construction for Risk Level 2 and 3 projects.
• Inspect maintenance activities.
• District sites identified in the statewide monitoring program include the following:
  ○ TMDL Compliance Monitoring
  ▪ 2 sites near the Coachella Valley Storm Channel, as part of the 2-year phase 1 bacterial monitoring plan.
  ▪ Monitoring for the Big Bear Lake Nutrient TMDL and Lake Elsinore/ Canyon Lake Nutrient TMDL shall be as agreed by Caltrans and the State Board; anticipated in 2014.

Public Education and Participation
The District plans to: • Include stormwater educational materials in any public events in which the District participates, as allowed by budget and policy.
Municipal Coordination
The District plans to: • Conduct coordination meetings on a regular basis with various local agencies funding highway improvement projects. • Participate in TMDL workgroups with other named stakeholders. • Make District stormwater training courses available for participation by local agencies on a space-available basis. • Notify, via written correspondence, the municipalities of any illicit discharges or connections discovered within the District ROW and associated with a municipality's jurisdiction. • Notify, via written correspondence, the local agencies of any changes to Caltrans' stormwater design guidelines or policies.

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7 Region-Specific Activities

Section 7 of the DWP describes and identifies the applicable region-specific activities that District 8 has planned for the fiscal year to address total maximum daily loads (TMDLs), for which the District has been identified as a stakeholder, and other region-specific requirements from Attachment V of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) if applicable to the District.

Total Maximum Daily Loads

A summary of planned District projects and participation efforts for TMDL compliance is provided. This information may include a general discussion of the load allocation assessment, approach, or strategy for achieving allocations under an Implementation Plan, and the coordination of activities with other stakeholders during the next fiscal year.

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

Table 7-1 lists TMDL compliance activities for each TMDL in District 8 for which Caltrans has been assigned a Waste Load Allocation (WLA), an implementation plan has been approved, and has a compliance deadline.

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

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

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Table 7-1: District 8 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
7	Coachella Valley Storm Channel Bacteria TMDL	4/27/12	Monitoring	Complete phase 1 monitoring activities by October 2015	Continue 2-year bacterial indicator monitoring program	District 8 will continue to coordinate with City and Riverside County stakeholders at least quarterly via Desert Task Force meetings.	Year 2 Monitoring to continue per the approved QAPP
8	Big Bear Lake Nutrient TMDL for Dry Hydrologic Conditions	9/25/2007	Determine Caltrans portion of the 475 pounds of Phosphorus allocated to Urban dischargers; Program Sediment Source Control Projects that also reduce nutrients in the watershed from entering the lake	Allocation compliance to be achieved no later than December 31, 2015	Upcoming meetings between Caltrans and the State Board will determine the watershed monitoring activities required under Caltrans' renewed MS4 Permit.	District 8 will continue to participate in the current informal stakeholder workgroup and coordinate with other MS4 dischargers and the United States Forest Service regarding nutrient reduction efforts.	Source Control projects programmed in the 2014 SHOPP will be in the Environmental Document phase during FY 2014-2015
8	Lake Elsinore/ Canyon Lake Nutrient TMDL	10/2/2005	District 8 is considering the nutrient reduction options developed by the Lake Elsinore/ Canyon Lake Task Force.	Meet interim Targets by 9/30/2015	See the "Planned Actions" column	District 8 will continue to coordinate with other stakeholders by attending TMDL Task Force meetings.	Meetings between Caltrans and the State Board will determine the monitoring and specific nutrient reduction measures to be implemented under the renewed Caltrans MS4 Permit, effective July 2013. Future participation in the current TMDL Task Force Agreement will also be determined.

Table 7-1: District 8 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
9	Rainbow Creek Nutrient TMDL	3/22/2006	Achieve 20% reduction Nitrogen (N) and Phosphorus (P)	12/31/2009	As District 8 facilities discharge all runoff to State ROW in District 11, District 11 is the lead for this TMDL. Geotechnical work by District 11 showed treatment BMPs were not feasible. District 11 discussions with the San Diego RWQCB are ongoing.	District 11 will continue coordinating with San Diego County and other stakeholders.	A sampling Task Order has been initiated by District 11 to determine the status of Caltrans' runoff.
			Achieve 40% reduction N and P	12/31/2013			
			Achieve 60% reduction N and P	12/31/2017			
			Achieve final WLA (74% reduction N and 85% reduction P)	12/31/2021			

Other Region-Specific Requirements

Other region-specific requirements as described in Attachment V of the Permit are not applicable to District 8.

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