

**California Department of Transportation
Stormwater Management Program
District 6 Work Plan**

Fiscal Year

2012-2013

CTSW-RT-12-286.12.1



California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
2015 E Shields Avenue, Fresno, California 93726

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

April 1, 2012



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**California Department of Transportation
District 6 Certification**

District Work Plan 2012-13

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)]



SHARRI BENDER EHLERT

2/29/2012

Date

District 6

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1 Introduction

General Information about the District Work Plan

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

This DWP presents information about District 6's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2012-13. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

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

District Goals and Commitments

District 6 will continue to implement the current SWMP and use the recently updated Stormwater Quality Handbooks and Guidance to ensure that every project and all construction and maintenance activities implement the appropriate combination of temporary and permanent BMPs. The District's stormwater program will continue compliance-monitoring practices, enhanced BMP implementation, enhanced stormwater documentation, tracking and reporting, and enhanced partnering with various local and stormwater agencies. District 6 will continue its commitment to partner with the Fresno Metropolitan Flood Control District (a Phase I MS4) to conduct public education and outreach on water quality issues within the surrounding communities.

District 6 will continue to participate with the Division of Environmental Analysis to evaluate and implement necessary process improvements to the stormwater program, including evaluation of any required changes to the program and Stormwater Management Plan (SWMP) when the new Caltrans National Pollutant Discharge Elimination System (NPDES) Permit is adopted. Subsequently, the District will implement any improvements deemed necessary for permit and program compliance. In addition the District will continue to implement the requirements of the Construction General Permit, State Water Board Order No. 2009-0009-DWQ, including electronic submittals of Project Registration Documents via the State Water Resources Control Board (SWRCB) Storm Water Multiple Application and Report Tracking System (SMARTS).

District 6 will comply with any changes to Caltrans' key documents, revisions and amendments resulting from the issuance of the new Caltrans NPDES permit, and the formulation of an updated SWMP. Once the NPDES permit is issued, the District will evaluate the training needs to successfully implement and comply with the requirements of the permit. In addition, the District will continue to provide staff training, and will be offering to Construction and NPDES staff the Qualified Stormwater Pollution

Prevention Plan (SWPPP) Developer Training Course and SMARTS training, for implementation of the Construction General Permit.

District 6's NPDES/Stormwater unit will increase communication, collaboration and coordination with District 6's Divisions of Planning and Local Assistance, Design, Maintenance, Construction, Landscape Architecture, Right-of-Way, Hydraulics, and Permits by holding quarterly meetings and focused meetings as needed, to further the implementation and compliance of the SWMP and stormwater policy and process.

2 District Personnel and Responsibilities

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

Central Region NPDES Stormwater Coordinator

The Central Region NPDES Stormwater Coordinator (CR-SWC) is the manager in charge of all stormwater activities in Districts 5, 6, and 10. The CR-SWC is responsible for establishing an effective stormwater program, and communicating, collaborating, and coordinating stormwater activities with Headquarters and other District Program Managers (Division Chiefs). The CR-SWC provides support, direction, and guidance to the District Stormwater Coordinator (DSWC). The responsibilities of the CR-SWC include:

- Directing Central Region operations regarding stormwater.
- Coordinating District efforts within the Central Region to achieve compliance with the NPDES permit and SWMP.
- Serving as a resource to the District Directors on NPDES/Stormwater Quality issues.
- Serving as the ultimate signatory authority in the Region for all compliance documents (Stormwater Data Report, and Notice of Construction) and commitments regarding stormwater management. Further coordination will occur regarding the transfer of Signatory authority to Construction staff for NOI filing via SMARTS, including identification of necessary changes in programmatic roles and responsibility assignments due to the anticipated adoption of the new Caltrans NPDES Permit.
- Serving as the primary liaison and single point of contact on stormwater and waste discharge issues between the Districts and Headquarters, the State Water Resources Control Board (SWRCB) and Regional Boards, U.S. Environmental Protection Agency, and other agencies.
- Ensuring the accuracy and adequacy of the stormwater workload allocations for each fiscal year.
- Coordinating and tracking resource distributions, workloads, and projects within the Districts.
- Providing guidance and direction necessary to develop strategies for addressing regulations and mandates on stormwater waste discharges set forth by federal, state, and local regulatory agencies.
- Reconciling disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.
- Establishing impartial and equitable decisions that benefit Caltrans in attaining the objectives of the Stormwater Program.

District NPDES Stormwater Coordinator

The District NPDES Stormwater Coordinator (DSWC) is the principal responsible person charged with the day-to-day implementation of the NPDES permit and SWMP at the District level. Under the general direction of the CR-SWC, the DSWC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect their respective District. The specific stormwater tasks for which the DSWC is responsible include the following:

- With the assistance of the CR-SWC, providing guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Program, as described in the DWP.
- Providing oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issues by the Department of Toxic Substances Control (DTSC).
- Assisting the District 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 functional units, in order to ensure that the conditions of the NPDES Permit, SWMP and the DWP are implemented properly.
- Representing the District at the Stormwater Advisory Team (SWATs) identified in the SWMP.
- Monitoring and evaluating the stormwater activities and procedures of municipalities, developers, and other agencies.
- Working as leader and chairperson of the District Stormwater Functional Team Committee.
- Assisting in the determination and evaluation of stormwater impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluating and recommending permanent control and treatment measures to address project stormwater impacts.
- Assisting in the identification of costs related to water pollution control, non-stormwater discharges, and waste management in program documents.
- Assisting in the development of new specifications, details, and guidance materials related to non-stormwater discharges and waste management.
- Assisting in the preparation of contract specifications and estimates to address development of Stormwater Pollution Prevention Plans (SWPPPs)/Water Pollution Control Programs (WPCP).
- Assisting in the preparation of the contract Project Specifications and Estimates (PS&E) requiring permanent stormwater control measures to improve or minimize water quality impacts.
- Continue assisting in the preparation of the report for the Notification of Construction, and will support Construction staff with SMARTS after the new Caltrans NPDES permit is adopted.
- Determining project Risk Level during the projects planning, project approval and environmental document, and project specifications and estimating phases.
- Assisting the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assisting in the development of training programs, specifically those attributed to Design staff.
- Coordinating the public outreach and education effort for the District with the assistance of the CR-SWC.

Environmental Water Quality Specialist

The Environmental Division provides oversight and coordination activities on water quality issues throughout the life of the project from the Project Initiation Document phase through the Operation and Maintenance phase. In order to enhance project delivery and increase efficiency, the Environmental Water Quality Specialist (EWQS) will consult with the Regional NPDES/Stormwater Branch on project

activities which have a direct relationship to the NPDES Permit, potential enforcement actions and stormwater quality issues. Specifically, the EWQS will consult with the NPDES branch, which will provide review and comment on the following issues:

- Water Quality section of the Environmental Scoping document;
- Preparation and submittal of 401 Water Quality Certifications/Waivers;
- Preparation and submittal of Clean Water Act (CWA) Section 404 permits, including Section 404 Nationwide Permits; and,
- Water Quality Reports to be included in environmental documents.

Maintenance Stormwater Coordinator

The Maintenance Stormwater Coordinator (MSWC) is responsible for communicating with the Deputy District Director of Maintenance and Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and the DWP. The MSWC reports all stormwater related maintenance activities to the Deputy District Director of Maintenance, coordinates stormwater training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The MSWC is chairperson of the MOT that meets routinely to discuss water quality issues, updates the Maintenance portion of the DWP, and compiles information for the Annual Reports, as well as the SWMP. The MSWC serves as the conduit for information between the Deputy District Director of Maintenance, Headquarters Maintenance Program (especially Maintenance SWAT identified in the SWMP) and the maintenance field offices. The Maintenance Stormwater Coordinator may also be delegated the signatory authority on District stormwater documents, specifically the Stormwater Data Report.

Central Region Construction Stormwater Coordinator

The Central Region Construction Stormwater Coordinator (CR-CSWC) is responsible for establishing an effective stormwater program and is a liaison with Headquarters and District Construction Managers in Districts 5, 6, and 10 to maintain effective communication, collaboration, and coordination of stormwater activities. The CR-CSWC provides support, direction, and guidance to the District Construction Stormwater Coordinators (CSWC).

Construction Stormwater Coordinator

The CSWCs provide technical assistance to Resident Engineers relating to the Caltrans Statewide NPDES Permit and Caltrans Stormwater Guidance Handbooks, under the direction of the Construction Division Chief and with the assistance of the CR-CSWC. There are three basic functions divided between two CSWC personnel:

1. Caltrans' compliance with the construction stormwater requirements of its NPDES Permit, the General Construction Permit, and Caltrans Stormwater Manuals by coordinating with project staff during the Pre-Job meeting, reviewing stormwater data report submittals, and periodic review of construction sites as a representative of the District Construction Division Chief.
2. Reviewing a project's Construction Compliance Evaluation Plan (CCEP), reviewing CCEP Action Plans (if required), and coordinating the exchange of information between Headquarters Water Quality, Headquarters Construction, District and Regional Stormwater/NPDES Units as required.
3. Other specific tasks for which the CSWC coordinates with other Caltrans units include:

- Serving as the focal point of contact with the District NPDES Stormwater Coordinators for all construction stormwater issues during the construction phase.
- Identifying and coordinating stormwater training for Construction staff.
- Working with the Central Region NPDES/Stormwater Unit, District NPDES Coordinator and various Project Engineers to review Stormwater Data Reports and ensure that project plans and specifications identify and adequately fund stormwater needs for each project.
- Tracking critical compliance milestones that occur before and during the course of construction.
- Assisting with final project closeout inspections for completion of NPDES/Stormwater components.
- Assisting the Resident Engineer in the submittal of the Notice of Construction Completion for SWPPP projects.
- As requested, reviewing SWPPP/WPCP submittals.
- Submitting reports as requested to the District or Regional NPDES Coordinator.
- Reviewing and providing oversight of Caltrans SWPPP projects, and coordinating with the Construction Division Chief about project compliance matters.
- Assisting Engineers with reporting Notices of Potential Incidents to the District NPDES Coordinator.
- Assisting Engineers with Illicit Connection/Illegal Discharge (IC/ID) Reports for Construction to the District NPDES Coordinator and other units (Hazardous Materials Management or Hazardous Waste Management), as needed.
- Representing Construction in the District SWAT meetings.
- Providing input to the Annual Report.
- Participation in the Construction SWAT defined in the SWMP.

The CSWCs ensure that all enforcement actions or corrections requested by the Regional Boards are promptly implemented and documented. This position also serves as the primary conduit for information during the construction phase for the District, Headquarters Construction, and construction field staff. In addition, the CSWCs support the design related functional units in determining specific project needs and evaluating the water pollution control measures in the field.

Right-of-Way (ROW) Stormwater Coordinator

The Central Region Right-of-Way (ROW) Stormwater Coordinator serves District 5, 6, and 10 and is responsible for the following tasks:

- Attending all Stormwater Functional Team meetings to report on ROW activities.
- Ensuring that stormwater training is available to ROW staff with property inspection responsibilities.
- Ensuring that regular property inspections include stormwater inspections.
- Documenting the results of inspections and corrective actions.
- Preparing a summary of completed stormwater property inspections for use in Annual Reports.

- Disseminating information and answering questions regarding Caltrans stormwater policy to all ROW staff involved in stormwater inspections.
- Notifying the DSWC of discharges or situations that appear to be in violation of the Caltrans' NPDES Permit, SWMP or DWP.
- Reporting instances where ROW may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Engineering Services (Hydraulics) Representative (HR) is a member of the Functional Stormwater Committee responsible for providing information on permanent control measures, except those related to erosion control, which are being planned, designed, and implemented in projects. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable about the DWP, water pollution control efforts, and the requirements for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes used by the Hydraulics Branch are consistent with the DWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Public Affairs Coordinator

The Public Information Officer (PIO) is a member of the Functional Stormwater Committee 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 PIO Coordinator is directly responsible for the following:

- Distribution of the District's stormwater pamphlet;
- Development and distribution of Public Service Announcements regarding stormwater; and
- Ensuring that stormwater information is available at public events, such as county fairs, for which Caltrans may be a participant.

Encroachment Permits Stormwater Coordinator

The Encroachment Permits Stormwater Coordinator (Permits Coordinator) is a member of the Stormwater Functional Team responsible for ensuring that the District's Office of Permits complies with the NPDES Permit, SWMP and DWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e., film production companies, marathon sponsors, etc.) that desire to encroach into Caltrans' ROW for construction, maintenance or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued comply with the appropriate NPDES Permit in a manner consistent with the Maintenance, Construction, and Design requirements. The following are tasks performed by the Permits Coordinator:

- Review ongoing Caltrans Encroachment Permit applications to determine whether Stormwater BMPs (design pollution prevention, permanent treatment, and temporary construction site BMPs), Permanent Erosion Control Plans, and Caltrans SWPPP or WPCP are provided.
- Work closely and have frequent dialog with Headquarters Encroachment Permits Office, District and Central Region NPDES, Central Region Construction, District Maintenance Stormwater Coordinators, as well as District Landscape Architect and Hydraulics Branches, on stormwater related issues.
- Keep close track of all pending as well as issued D-6 Encroachment Permit Projects that have stormwater related activities.

- Review SWPPPs and WPCPs to make sure they are in compliance with the current Caltrans standards and to ensure their consistency and compliance with the current Construction General Permit.
- Attend and participate in frequent stormwater meetings conducted by Headquarters Encroachment Permits Office, District NPDES (Stormwater Functional Meetings), and Caltrans Headquarters CSWAT/EPswat committees.
- Submit reports for either the Caltrans Stormwater Program or Headquarters Encroachment Permits Office.
- Assist D-6 Encroachment Permit Inspectors in resolving stormwater issues related to active or new D-6 Encroachment Permit projects.
- Conduct stormwater field inspections of authorized D-6 Encroachment Permit construction work.
- Document and submit stormwater compliance inspections of authorized D-6 Encroachment Permit projects into the statewide Encroachment Permits database.
- Contact District Maintenance and NPDES coordinators when it appears that illicit connection/illegal discharge (IC/ID) activities or operations are discovered during stormwater compliance site inspections.
- Assist NPDES Branch during IC/ID investigations.
- Assist CSWAT/EPswat in putting together updated or new stormwater guidance or training courses.
- Track and identify stormwater training needs for the D-6 Encroachment Permits staff.

District Landscape Architect

The District's Landscape Architecture Office facilitates incorporating water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 6. In addition, the District Landscape Architect provides field support to Construction, Maintenance, and Encroachment Permits when requested.

The specific stormwater tasks for which the Landscape Architect is responsible includes the following:

- Determination and evaluation of stormwater impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures to address a project's stormwater impacts.
- Identification of costs related to water pollution and erosion control in program documents.
- Development of new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or assist in the preparation of the contract PS&E requiring permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Preparation as required, a RUSLE2 report for use by Construction for terminating coverage under the Construction General Permit.
- Ensuring that locations where soil containing lead is reused meet the variances issued by DTSC and are not susceptible to erosion and stabilized as a part of project design.

- Assisting the District’s Office of Permits in evaluating water quality impacts and the requirements of encroachment permit applications.
- Conducting studies to improve water quality objectives on highway planting projects.
- Assisting in the development of training programs, especially programs for Landscape Architecture staff.
- Participation in the Design SWAT identified in the SWMP.

The District Landscape Architect is a liaison with the Headquarter’s Landscape Architecture Program to develop, submit, review, and obtain approval for all specifications and details related to erosion and sediment control. The District Landscape Architect also coordinates with Headquarters’ Design Program to obtain approval or concurrence on water pollution control specifications related to erosion and sediment control. Furthermore, the District Landscape Architect must approve slope designs steeper than 4:1 in order to ensure compliance with regulations addressing stormwater pollution contained in the federal CWA.

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

Table 2-1: District 6 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Marissa Nishikawa	Central Region NPDES Stormwater Coordinator	(559) 243-8007	marissa_nishikawa@dot.ca.gov	Primary contact for all stormwater issues. Oversees all NPDES office employees within the Central Region Districts (District 5, 6, & 10).
Paul Varney	District 6 NPDES SWC	(559) 243-3568	paul_varney@dot.ca.gov	Primary contact for all District 6 stormwater issues.
Rudy Chavez	Central Region-Construction & District 6 Maintenance Stormwater Coordinator	(559) 444-2560	rudy_chavez@dot.ca.gov	Primary contact for all Central Region construction and District 6 maintenance-related stormwater issues.
Sarbjit Deol	District 6 Construction Stormwater Coordinator (Northern counties)	(559) 367-2781	sarbjit_deol@dot.ca.gov	Primary contact for Construction-related stormwater issues in the northern counties of District 6.
Sheri West	District 6 Construction Stormwater Coordinator (Southern counties)	(661) 334-3903	sheri_west@dot.ca.gov	Primary contact for Construction-related stormwater issues in the southern counties of District 6.
Kevin Layton	District 6 Maintenance Stormwater Coordinator	(559) 978-8573	kevin_layton@dot.ca.gov	Primary contact for Maintenance-related stormwater issues.
Kathy Gill	District 6 Encroachment Permits Stormwater Coordinator	(559) 445-6502	kathy_gill@dot.ca.gov	Primary contact for Encroachment Permit-related stormwater issues.
James Murrieta	Central Region Right-of-Way Stormwater Coordinator	(559) 445-6196	james_murrieta@dot.ca.gov	Primary contact for Right-of-Way demolition issues.
Tom Fisher	Hydraulic Manager	(559) 243-3498	tom_fisher@dot.ca.gov	Primary contact for District 6 Hydraulic related stormwater issues.
Brad Cole	District 6 Landscape Architect	(559) 230-3134	brad_cole@dot.ca.gov	Primary contact for all District 6 Landscape-related stormwater issues.
Michelle Molina Hernandez	Central Region Air Space Stormwater Coordinator	(559) 445-6248	michelle_molina_hernandez@dot.ca.gov	Primary contact for stormwater-related issues as it pertains to air-space leases.

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.

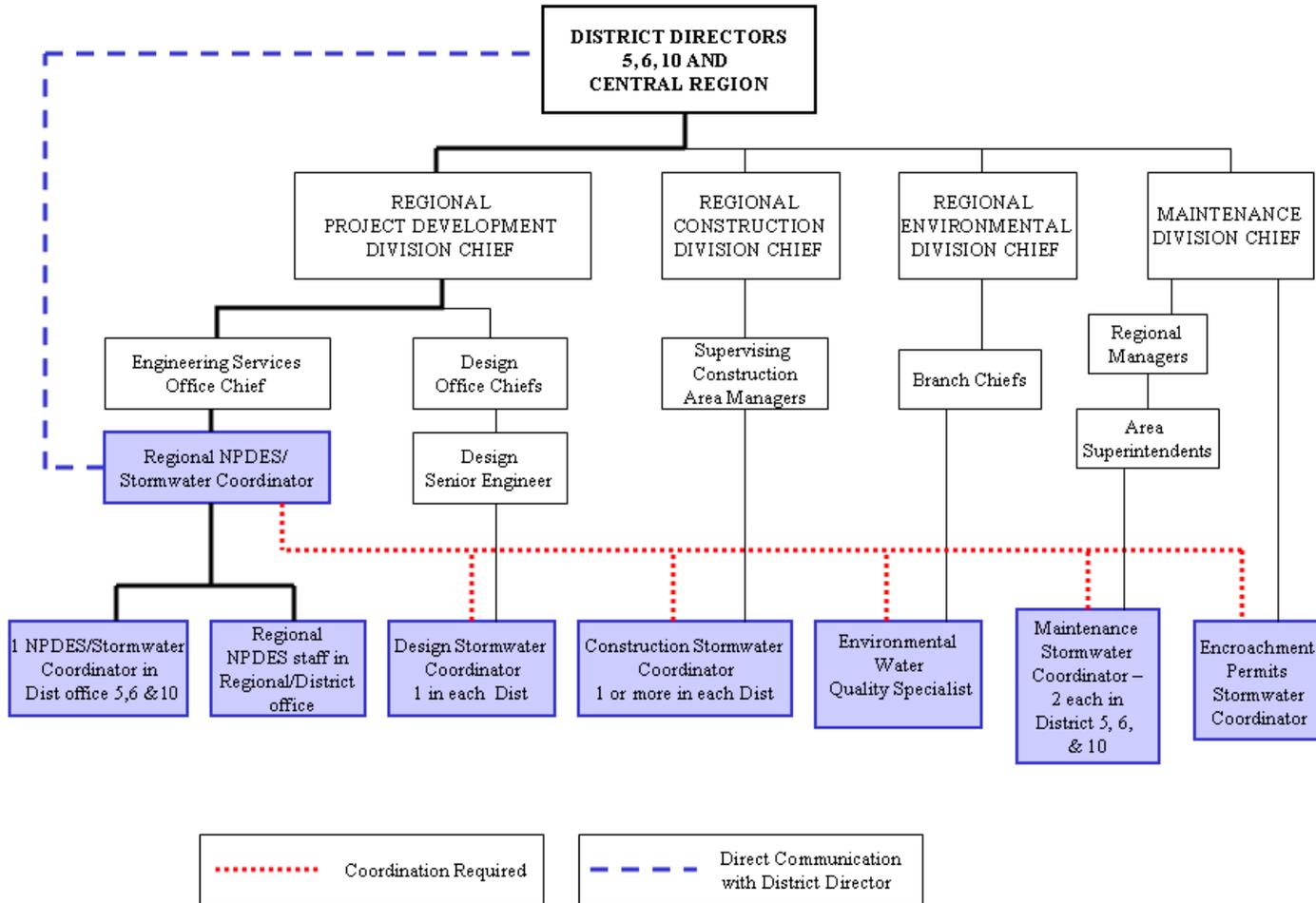
Table 2-2: District 6 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
District Director	(559) 488-4057	sharri_bender_ehlert@dot.ca.gov	All District Documents
Central Region NPDES SWC	(559) 243-8007	marissa_nishikawa@dot.ca.gov	All District Stormwater related Documents except District Work Plan
Resident Engineer	various	various	SWPPP, Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Report of IC/ID
Maintenance SWC	(559) 444-2560	rudy_chavez@dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/ID
Encroachment Permits SWC	(559) 445-6502	kathy_gill@dot.ca.gov	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Hazardous Waste Coordinator	(559) 243-8157	juergen-vespermann@dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Maintenance SWC	(559) 978-8573	kevin_layton@dot.ca.gov	FPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/ID, and Training
Maintenance Engineer	(559) 445-6514	bill_moses@dot.ca.gov	Stormwater Data Reports and Spill Prevention Control and Countermeasure Plans.

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

Figure 2-1: District 6 Organizational Chart

DISTRICTS 5, 6, 10 and CENTRAL REGION
STORM WATER ORGANIZATIONAL CHART



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3 District Facilities and Water Bodies

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

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4 Drinking Water Reservoirs and Recharge Facilities

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

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.

A list of drinking water reservoirs and recharge facilities within District 6 is presented in Table 4-1.

Table 4-1: District 6 Drinking Water Reservoirs and Recharge Facilities

Road Segment/Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
Ker-155 PM 67.7-69.6	Kern	5	Lake Isabella	Reservoir is municipal water supply source for approximately 200,000 residents in the city of Bakersfield. The road segments are mountain tourist routes, heavily used in the summer, with minimal truck traffic. Accidental spills are likely to be minor. Alternate municipal water supply sources are available.	No projects are planned for the upcoming year.
Ker-178 PM 45.8-49.3 & PM 60.7- 61.0	Kern	5	Lake Isabella		

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5 Implementation

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

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

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

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

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

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Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	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	06-0A490_	FRE	41	R30.7	R31.7	5	SAN JOAQUIN RIVER GATEWAY ENTRANCE PLANTING - CORRIDOR ENHANCEMENT - IN FRESNO COUNTY ON SR 41 NR THE CITY OF FRESNO, AT THE FRIANT RD INTERCHANGE			4	E	02-07-2006	12-03-2009	06-25-2010	09-15-2014
2	06-0A970_	TUL	99	22.4		5	RAINE REST AREA REHAB WITH LEED - CONSTRUCT NEW FACILITES REST AREA - IN TULARE COUNTY NEAR TIPTON AT THE PHILIP S RAINE SAFETY ROADSIDE REST AREA			2.5	E	02-14-2007	08-12-2010	04-25-2011	12-17-2013
3	06-0A990_	KER	5	0.8		5	TEJON REST AREA REHAB - RESTORE SAFETY ROADSIDE REST AREA - IN KERN COUNTY NEAR LEBEC AT THE TEJON SAFETY ROADSIDE REST AREA			5	E	07-10-2007	11-09-2009	10-27-2010	04-10-2013
4	06-0C110_	FRE	180	R58.4	R60.4	5	180 BRAIDED RAMPS - BRAIDED RAMPS - ON ROUTE 180 IN FRESNO COUNTY BETWEEN ROUTE 41 AND ROUTE 168			77	Fresno Metropolitan Flood Control District (FMFCD)	09-01-2010	08-03-2010	10-11-2011	12-01-2013
5	06-0C130_	FRE	33	0.0		5	SEISMIC RESTORATION - SEISMIC RESTORATION - VARIOUS BRIDGES IN FRESNO, MADERA, KINGS, TULARE COUNTIES			9	E	07-30-2008	04-01-2012	09-30-2012	10-15-2013

¹ Supplemental Environmental Projects designated as "SEP."

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

³ Water bodies with designation for 303(d) designation are noted in parentheses.

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

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

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&E Date	PS&E Date	Start Date	End Date
6	06-0C930_	KER	99	18	19.2	5	HOSKINGS ROAD INTERCHANGE - CONSTRUCT NEW INTERCHANGE - ON STATE ROUTE 99 IN THE CITY OF BAKERSFIELD FROM 0.5 MILE SOUTH OF HOSKING AVENUE TO 0.7 MILE NORTH OF HOSKING AVENUE		36	E	05-15-2010	10-01-2012	04-01-2012	12-01-2013	
7	06-0C940_	KER	178	R6.7	T9.2	5	MORNING DRIVE INTERCHANGE - CONSTRUCT NEW INTERCHANGE - ON SR 178 BET FAIRFAX RD & CANTERIA RD & ON MORNING DR BET 0.45MI N TO 0.30MI S OF SR 178 IN THE CITY OF BAKERSFIELD WITHIN KERN COUNTY		80	C	09-09-2011	11-01-2012	03-01-2013	12-01-2014	
8	06-0E040_	MAD	99	9.5	13.1	5	MADERA 99 CHOWCHILLA REHAB - PAVEMENT REHABILITATION - ON RTE 99 FROM 0.4 KM SOUTH OF THE SOUTH MADERA OVERCROSSING TO 0.6 KM NORTH OF THE AVENUE 16 OVERCROSSING (KP 15.3/21.1)		15	E	07-30-2008	04-29-2010	07-12-2011	09-01-2013	
9	06-0E070_	TUL	99	19.8	25.0	5	CRACKSEAT AND AC OVERLY - PAVEMENT REHABILITATION - IN TULARE COUNTY FROM 0.54 KM NORTH OF AVENUE 152 OC TO THE ELK BAYOU BRIDGE (SOUTHBOUND)	TULE RIVER, ELK BAYOU SLOUGH	401	24	BS- 8	07-20-2010	08-01-2011	02-03-2012	07-07-2013
10	06-0E970_	FRE	41	R27.6	R29.8	5	NB RAMP METER - INSTALL RAMP METERS - IN FRESNO COUNTY IN FRESNO AT VARIOUS LOCATIONS FROM ASHLAN AVENUE OVERCROSSING TO 0.2 MILE NORTH OF BULLARD AVENUE OC		4	Fresno Metropolitan Flood Control District (FMFCD) Basin	09-29-2006	09-01-2009	05-12-2010	01-02-2012	
11	06-0F350_	KER	178	8.2	11.8	5	VINELAND TO MIRAMONTE - HIGHWAY WIDENING - IN KERN COUNTY FROM VINELAND ROAD TO RANCHERIA ROAD (EXISTING)	KERN RIVER	401	84	C	06-01-2012	12-01-2013	03-01-2014	06-01-2016

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
12	06-0F360_	KER	58	39.9	51.6	5	ROSEDALE HIGHWAY IMPROVEMENTS - WIDEN TO 4 OR 6 LANES - IN KERN COUNTY AND CITY OF BAKERSFIELD BETWEEN SR 43 TO SR 99	CALLOWAY CANAL		48	C	08-15-2012	05-01-2014	06-01-2014	06-15-2015
13	06-0G830_	KER	99	17	22.1	5	SOUTH BAKERSFIELD 8-LANE - WIDEN FREEWAY FROM 6 TO 8 LANES - ON ROUTE 99 IN KERN COUNTY IN THE CITY OF BAKERSFIELD FROM 0.5 MILES SOUTH OF STATE ROUTE 119 TO WILSON ROAD OVERCROSSING			28	E	08-01-2011	05-01-2012	12-15-2012	03-01-2014
14	06-0G840_	KER	99	27	R28.3	5	KERN 99 NORTH WIDENING - WIDEN FREEWAY FROM 6 TO 8 LANES - ON ROUTE 99 IN KERN COUNTY FROM STATE ROUTE 99/204 OVERHEAD TO BEARDSLEY CANAL			10	E	08-01-2011	05-03-2012	11-01-2012	12-01-2013
15	06-0G860_	KER	119	27.3	28.3	5	GOSFORD ROAD W/B 3-LANE - WIDEN W/B SR 119 TO 3 LANES - IN KER CO ON RTE 119 BET GOSFORD R AND ASHE RD			8.6	C	01-05-2009	03-01-2012	04-01-2012	12-01-2012
16	06-0G900_	MAD	41	11.7	13.6	5	MAD 41 PASSING LANES - CONSTRUCT PASSING LANES - ON ROUTE 41 BETWEEN 0.3 MILE NORTH OF ROAD 208 AND 2.2 MILE NORTH OF ROAD 208	LITTLE DRY CREEK		40	C	09-06-2011	09-01-2013	05-01-2014	01-01-2016
17	06-0G920_	KER	99	54.4		5	WOOLLOMES INTERCHANGE IMPROVEMENTS - MODIFY INTERCHANGE - ON ROUTE 99 BETWEEN PM 54.28 AND PM 54.60			8	E	05-27-2009	01-02-2012	04-01-2012	11-01-2012
18	06-0H170_	FRE	180	77.2		5	KINGS RIVER OVERFLOW BRIDGE REPLACEMENT - BRIDGE REPLACEMENT - ON ROUTE 180 IN FRESNO COUNTY AT KINGS RIVER OVERFLOW BRIDGE (#42-0074) BETWEEN PM 77.1 AND PM 77.2	KINGS RIVER OVERFLOW	401	0.4	E	04-20-2010	08-15-2012	02-15-2013	08-15-2014

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&E Date	PS&E Date	Start Date	End Date
19	06-0H180_	KER	14	39.9		6	RED ROCK CANYON BRIDGE REPLACEMENT - BRIDGE REPLACEMENT (SCOUR) - ON ROUTE 14 IN KERN COUNTY AT PM 39.9, 24 MILES NORTH OF MOJAVE AT RED ROCK CANYON BRIDGE #50-0178	RED ROCK CANYON WASH	401	2	E	01-21-2010	08-15-2012	04-01-2013	10-01-2014
20	06-0H360_	FRE	99	28.1	30.9	5	VETERANS BLVD. INTERCHANGE - NEW INTERCHANGE - IN FRESNO ON SR 99 BETWEEN SHAW AVE & HERNDON			87	C	03-01-2012	02-01-2014	08-01-2014	07-01-2016
21	06-0H940_	FRE	168	14.5	15.0	5	SHEPHERD CURVE RE-ALIGNMENT - REALIGN THE HORIZONTAL CURVE - ON ROUTE 168 IN FRESNO COUNTY NEAR FRESNO FROM 0.25 MILE WEST OF SHEPHERD AVENUE TO 0.25 MILE EAST OF SHEPHERD AVENUE	REDBANK CREEK, DOG CREEK	401	2	E	06-30-2010	05-01-2012	12-01-2012	06-01-2013
22	06-0J040_	KIN	41	R37.5	R38.1	5	JACKSON AVE CHANNELIZATION - CONSTRUCT LEFT-TURN LANES - ON ROUTE 41 AT THE INTERSECTION WITH JACKSON AVE FROM 0.3 MILE SOUTH OF JACKSON AVE TO 0.3 MILE NORTH OF JACKSON AVE			3	E	08-26-2010	04-15-2012	10-15-2012	09-15-2013
23	06-0J050_	KIN	43	24.2	24.8	5	EXCELSIOR AVE SIGNALS - CHANNELIZE WITH SIGNALS - ON ROUTE 43 NEAR HANFORD, IN KINGS COUNTY BETWEEN 0.78 MILE NORTH OF ELDER AVE AND 0.77 MILE SOUTH OF DOVER AVE			4	E	11-05-2010	04-25-2012	12-15-2012	12-15-2013
24	06-0J520_	KER	119	4.7	8.5	5	VALLEY & DUSTIN ACRES SHOULDER WIDENING - WIDEN SHOULDERS - ON ROUTE 119 BETWEEN 0.2 MILES EAST OF WEED CREEK (PM 4.7) AND 0.3 MILES WEST OF LAKEVIEW WASH BRIDGE (PM 8.5)	BUENA VISTA CREEK, LAKEVIEW WASH CREEK		17	E	10-15-2009	09-30-2011	05-01-2012	12-01-2012

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&E Date	PS&E Date	Start Date	End Date
25	06-0J920_	FRE	145	32.8 /	33.4	5	ROUTE 145 INTERSECTION IMPROVEMENT - CONSTRUCT ROUNDABOUT - ON ROUTE 145 BETWEEN 0.3 MILE SOUTH AND 0.3 MILE NORTH OF JENSEN AVENUE			2	E	10-28-2011	08-01-2013	03-01-2014	09-01-2014
26	06-0L180_	KER	5	5.2	5.9	5	FORT TEJON MEDIAN BARRIER - INSTALL MEDIAN BARRIER - IN KERN CO NEAR LEBEC FROM 0.2 MI NORTH TO 0.9 MI NORTH OF FORT TEJON OVERCROSSING	GRAPEVINE CREEK		1.03	E	11-24-2010	08-03-2011	11-17-2011	10-01-2012
27	06-0L200_	MAD	99	23.8	28.2	5	MAD MEDIAN BARRIER - INSTALL MEDIAN BARRIER - ON ROUTE 99 IN MADERA COUNTY BETWEEN AVENUE 24 OC BRIDGE (#41-54) AND LE GRAND AVENUE OC BRIDGE (#41-57)	BRENDA SLOUGH, ASH SLOUGH		5.5	E	02-09-2010	02-01-2012	08-01-2012	03-01-2013
28	06-0L220_	KER	5	69.6	73.1	5	LOST HILLS MEDIAN BARRIER - INSTALL MEDIAN BARRIER - ON ROUTE 5 BETWEEN MAIN DRAIN ROAD OVERCROSSING AND STATE ROUTE 46/5 SEPARATION			6	E	10-18-2010	09-21-2011	04-15-2012	11-01-2012
29	06-0L390_	KER	99	24.6		5	CALIFORNIA AVE SB ON-RAMP IMPROVEMENTS - RELOCATE RIGHT TURN LANE OF THE SB ONRAMP TO SR 99 - ON ROUTE 99 IN KERN COUNTY IN THE CITY OF BAKERSFIELD AT CALIFORNIA AVENUE UNDERCROSSING			2.7	E	03-01-2012	03-01-2013	07-01-2013	06-01-2014
30	06-0L640_	KER	99	R28.4	R43.9	5	LERDO LANE RECONSTRUCTION - REPLACE EXISTING PAVEMENT - IN KERN COUNTY IN BAKERSFIELD FROM BEARDSLEY CANAL BRIDGE TO ROUTE 46/99 SEPARATION			274	E	01-10-2011	08-04-2011	02-01-2012	08-05-2014

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No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
31	06-0L890_	KER	99	26.8	R28.4	5	OILDALE RUMBLE STRIPS - WIDEN SHOULDER AND GRIND IN RUMBLE STRIPS - ON ROUTE 99 IN KERN COUNTY NEAR BAKERSFIELD BETWEEN AIRPORT DRIVE OVERCROSSING AND BEARDSLEY CANAL BRIDGE		2.2	E	06-01-2010	03-01-2012	09-01-2012	04-01-2013	
32	06-0L900_	KER	184	11.1	11.3	5	MESA MARIN PROFILE CORRECTION - VERTICAL CURVE IMPROVEMENTS - ON ROUTE 184 NEAR BAKERSFIELD BETWEEN 0.05 MILES WEST OF ROUTE 184 AND ROUTE 178 INTERSECTION AND 10 MILES EAST OF LAMONT		2.9	E	10-07-2011	03-02-2012	07-01-2012	11-01-2012	
33	06-0M050_	FRE	168	T29.0	T29.4	5	PRATHER CURVE CORRECTION - REALIGN CURVE - IN FRESNO COUNTY, NEAR PRATHER, FROM 1.2 MILES WEST OF AUBERRY ROAD TO 0.8 MILE WEST OF AUBERRY ROAD		2	E	12-01-2012	05-26-2014	01-01-2015	07-15-2015	
34	06-0M730_	FRE	5	22.8	26.8	5	PARKHURST MEDIAN BARRIER - INSTALL MEDIAN BARRIER - IN FRESNO COUNTY NEAR COALINGA FROM 1.8 MILES NORTH OF TUOLUMNE AVENUE OVERCROSSING TO 3.1 MILES SOUTH OF ROUTE 5/33 SEPARATION		6	E	11-01-2010	02-10-2012	08-01-2012	08-01-2013	
35	06-0N200_	MAD	99	20.2	21.6	5	FAIRMEAD MEDIAN BARRIER - CONSTRUCT MEDIAN BARRIER - IN MADERA CO, NEAR FAIRMEAD, FROM 0.6 MI SOUTH OF AVE 21 1/2 OC TO 0.8 MI NORTH OF AVE 21 1/2 OC AND FROM 0.1 MI SOUTH OF ROUTE 152 TO ROUTE 152		2.2	E	10-04-2011	07-15-2013	01-06-2014	05-16-2014	

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No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
36	06-0N490_	KER	99	27	27.9	5	OLIVE AVE SOUTHBOUND AUXILIARY LANE - CONSTRUCT SB AUX LANE AND WIDEN OLIVE DRIVE OFF-RAMP - IN KERN COUNTY IN THE CITY OF BAKERSFIELD ON SOUTHBOUND SR 99 BETWEEN SR 204 (PM 27.00) AND OLIVE DRIVE (PM 27.93)		4.2	E	11-30-2010	01-15-2012	05-01-2012	11-12-2012	
37	06-32450_	TUL	99	41.3	53.9	5	GOSHEN TO KINGSBURG 6-LANE - WIDEN ROAD WITH HOT MIX ASPHALT - IN TULARE AND FRESNO COUNTIES IN AND NEAR KINGSBURG FROM 0.2 MILE NORTH OF NORTH GOSHEN OVERHEAD TO 0.2 MILE NORTH OF ROUTE 99/201 CONEJO AVE SEPARATION	KINGS RIVER, CROSS CREEK	401	55	BS-2	11-03-2006	04-30-2010	01-19-2011	08-01-2014
38	06-32550_	KIN	198	8.9	10.1	5	19TH AVE INTERCHANGE - CONSTRUCT INTERCHANGE - ON ROUTE 198 IN KINGS COUNTY IN KINGS COUNTY FROM ROUTE 41 TO 18 1/2 AVENUE (VINE STREET) (KP 15.1/16.3)		17	C	06-20-2005	10-31-2011	05-30-2012	10-15-2015	
39	06-33220_	TUL	99	31.3	32.6	5	CARTMILL INTERCHANGE - MODIFY INTERCHANGE - ON ROUTE 99 IN TULARE COUNTY NEAR TULARE FROM 0.6 MILE SOUTH OF CARTMILL AVENUE TO 0.7 MILE NORTH OF CARTMILL AVENUE	TULARE IRRIGATION DISTRICT CANAL	40	City of Tulare Detention Basin	03-01-2012	01-01-2013	04-01-2013	05-01-2014	
40	06-33740_	TUL	190	21.2	26.4	5	LAKE SUCCESS REHAB II - PAVEMENT REHABILITATION - FROM 0.1 MILES EAST OF ROAD 284 TO TULE RIVER BRIDGE, NEAR LAKE SUCCESS	LAKE SUCCESS	6	E	06-28-2011	12-01-2011	06-01-2012	12-20-2012	
41	06-34252_	FRE	180	R71.6	R75.0	5	KINGS CANYON EXPRESSWAY SEGMENT 2 - 2C TO 4E ON EXISTING ALIGNMENT - NEAR CENTERVILLE FROM ACADEMY AVE TO TRIMMER SPRINGS RD START FROM PA&ED (KP R114.6/R120.0)	COLLINS CREEK, HIGHLAND CANAL	401	40	C	04-18-1996	12-15-2012	07-01-2013	09-01-2015

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
42	06-3568U_	KIN	198	R21.5	R28.3	5	HANFORD EXPRESSWAY - 2-LN CONVENTIONAL TO 4-LN EXPRESSWAY - IN KINGS AND TULARE COUNTIES ABOUT 0.5 MILE EAST OF HANFORD	CROSS CREEK, HIGHLAND CANAL, SETTLER DITCH, LAKESIDE CANAL	401	100	E	06-30-2003	10-01-2008	09-22-2009	02-01-2013
43	06-36020_	TUL	99	30.6	41.3	5	TULARE TO GOSHEN 6-LANE - 4F TO 6F - ON STATE ROUTE 99, NEAR TULARE FROM PROSPERITY AVENUE TO 0.5 MILE NORTH OF NORTH GOSHEN OVERHEAD	PACKWOOD CREEK, MILLS CREEK, CAMERON CREEK, NORTH FORK PERSION DITCH, SOUTH FORK PERSIAN DITCH, WATSON DITCH, MILL CREEK DITCH, RAILROAD DITCH, ROCKY FORD DITCH,	401	100	C	02-25-2009	11-15-2015	06-01-2016	08-01-2019
44	06-36021_	TUL	99	37.3	41.3	5	NORTH SEGMENT GOSHEN 6-LANE - 4-LN FWY TO 6-LN FWY - ON SR 99 IN TULARE CO NEAR GOSHEN FROM 0.9 MI SOUTH OF WEST VISALIA OH (46-226) TO 0.2 MI NORTH OF NORTH GOSHEN OH (46-055)	MILLS CREEK	401	38	E	02-25-2009	05-03-2012	11-01-2012	07-01-2015
45	06-36023_	TUL	99	35.2	37.3	5	MIDDLE SEGMENT (CALDWELL) 6-LANE - 4 LANE FREEWAY TO 6 LANE FREEWAY - IN TULARE COUNTY	EVANS DITCH, WATSON DITCH, STOKES DITCH		30	C	02-25-2009	05-04-2012	01-02-2016	09-01-2017
46	06-39520_	KER	178	R6.1	R7.5	5	FAIRFAX INTERCHANGE - CONSTRUCT INTERCHANGE - ON STATE ROUTE 178 FROM 1.2 KM W TO 1.2 KM E OF FAIRFAX RD IN THE CITY OF BAKERSFIELD (KP 9.8/12.1)			30	E	12-23-2005	04-20-2007	08-15-2007	10-31-2012
47	06-41590_	KIN	41	11.5	20	5	KETTLEMAN CITY REHAB - AC OVERLAY AND WIDEN SHOULDER - ON ROUTE 41 FROM UTICA AVENUE TO QUAIL AVENUE (KP18.5/32.3)	ARROYO ROBADOR, ARROYO PINO. ARROYO CONEJO, ARROYO ESCASO	401	50	E	08-21-2006	12-15-2010	05-31-2011	07-15-2012
48	06-41600_	KIN	41	R42.1	R44.7	5	HANFORD/ARMONA REHAB - REHAB ROADWAY AND WIDEN SHOULDERS - NEAR LEMOORE FROM HANFORD/ARMONA RD TO 0.8 KM N OF GRANGEVILLE BLVD (KP R67.8/R71.9)			24	BS-4	10-06-2006	06-14-2011	05-14-2012	07-01-2013

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&E Date	PS&E Date	Start Date	End Date
49	06-42370_	TUL	198	R4.8		5	PLAZA INTERCHANGE - MODIFY INTERCHANGE - ON PLAZA DR IN THE CITY OF VISALIA, TUL CO, BET AIRPORT DR & GOSHEN AVE AND ON RTE 198 IN THE CITY OF VISALIA, TUL CO, FROM SR99 TO THE PLAZA DR INTERCHANGE	MILL CREEK		6.5	E	05-24-2011	06-10-2011	02-01-2012	06-30-2013
50	06-42470_	KER	119	5.5	R13.3	5	CHERRY AVENUE 4-LANE - WIDEN FROM 2-LANE CONV TO 4-LANE EXPRESSWAY - ON ROUTE 119 IN KERN COUNTY BETWEEN 0.75 MILE WEST OF CHERRY AVE TO 0.4 MILE EAST OF ELK HILLS RD	BUENA VISTA CREEK, LAKEVIEW WASH CREEK	401	240	E	05-17-2011	08-01-2016	03-01-2017	11-01-2018
51	06-43070_	TUL	216	1.9	2.9	5	HOUSTON AVENUE 4-LANE - WIDEN AND REALIGNMENT OF HOUSTON AVENUE (SR 216) - ON ROUTE 216 FROM LOVERS LANE PM 1.9 TO EAST OF MCAULIFF STREET AT PM 2.9 IN THE CITY OF VISALIA	ST JOHNS RIVER, MILL CREEK		5	E	06-16-2008	06-15-2012	12-01-2012	07-16-2014
52	06-43080_	TUL	65	29.5	38.6	5	TULARE EXPRESSWAY - CONSTRUCT 4-L EXPRESSWAY ALONG AN EXISTING 2-LANE COUNTY ROAD - ON SR 65 FROM HERMOSA AVE TO RTE 198 (KP 47.5/62.1)	FRIANT KERN CANAL LEWIS CREEK	401	235	C	01-15-2013	08-01-2014	03-01-2015	10-01-2016
53	06-43260_	FRE	33	10.9	11.1	5	JACALITOS CREEK BRIDGE - BRIDGE REPLACEMENT - ON SR 33 IN FRE CO 6.4 KM EAST OF THE CITY OF COALINGA AT JACALITOS CREEK BRIDGE #42-72 (KP R17.1/18.3)	JACALITOS CR	401	2	C	08-01-2012	08-01-2014	04-01-2015	04-01-2016
54	06-43401_	TUL	65	R15.1	18	5	TERRA BELLA EXPRESSWAY SEGMENT 1 - WIDEN 2 LANE CONVENTIONAL HIGHWAY TO 4 LANE EXPRESSWAY - ON STATE ROUTE 65 IN TULARE COUNTY FROM AVE 120 TO 0.1 MILE SOUTH OF ROUTE 190/65 SEPARATION	WHITE RIVER, DEER CREEK	401	247	C	06-27-2005	10-01-2016	06-01-2017	01-01-2019

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		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
55	06-44240_	FRE	41	R0.1	7.1	5	EXCELSIOR EXPRESSWAY-2-LN EXPRWY TO 4-LN EXPRWY--IN FRESNO COUNTY, ON RTE 41, 0.2 KM NORTH OF EXCELSIOR AVE TO 0.2 KM NORTH OF ELKHORN AVE (KP R0.2/11.4)	KINGS RIVER (303d), MURPHY SLOUGH	401	180	C	12-15-2005	09-01-2014	05-01-2015	05-01-2017
56	06-44251_	KER	46	27	33.5	5	ROUTE 46 CONV/EXWY SEGMENT 4 - 2-LN CONVENTIONAL TO 4-LN CONVENTIONAL - EXPRWY - FROM 1.75 KM E OF BROWNS MATERIAL RD TO 1.4 KM E OF I-5 INTERCHANGE (KP 42.7/53.9) PHASE 2 (PS&E), TCRP BILL REF #113	CALIFORNIA AQUEDUCT, MAIN FLOOD CANAL, WEST SIDE CANAL		TBD	TBD	06-14-2005	11-15-2016	09-15-2017	09-15-2020
57	06-44252_	KER	46	6.8	19.8	5	ROUTE 46 EXPRESSWAY SEGMENT 3 - WIDEN TO FOUR LANES - IN KERN COUNTY NEAR THE COMMUNITY OF LOST HILLS FROM 0.5 MILE WEST OF KECKS ROAD TO 0.7 MILE WEST OF ROUTE 46/33 INTERSECTION	BITTERWATER CREEK, FRANCISCAN CREEK,	401	293	E	06-14-2005	05-03-2010	02-10-2011	07-26-2014
58	06-44261_	FRE	99	26.7	30.7	5	NORTH FRESNO SIX LANE - WIDEN FREEWAY AND BRIDGES - IN FRESNO COUNTY IN FRESNO FROM 0.2 MILE NORTH OF ASHLAN AVENUE OVERCROSSING TO 0.1 MILE NORTH OF GRANTLAND AVENUE UNDERCROSSING			34	E	07-22-2009	09-30-2009	09-01-2010	09-01-2012
59	06-44262_	FRE	99	30.3	31.6	5	ISLAND PARK 6-LANE - WIDEN 4-LANE FWY TO 6-LANE FWY - IN THE CITY OF FRESNO AND WITHIN MADERA COUNTY FROM 0.2 MILES SOUTH OF THE GRANTLAND AVE UNDERCROSSING TO 0.6 MILES NORTH OF THE AVENUE 7 OVERCROSSING	SAN JOAQUIN RIVER (303d)	401	30	C	06-25-2010	03-01-2012	09-15-2012	07-01-2016

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
60	06-45711_	KER	14	58.3	62.3	5	FREEMAN GULCH WIDENING - SEGMENT 1 - CONVERT EXISTING 2-LANE TO 4-LANE EXPRESSWAY - NEAR RIDGECREST, ON ROUTE 14 FROM 0.5 MILE NORTH OF THE ROUTE 178 WEST/ROUTE 14 INTERSECTION TO 1.7 MILES NORTH OF THE ROUTE 178 EAST ROUTE 14 INTERSECTION		100	C	10-29-2007	01-02-2015	08-01-2015	01-02-2017	
61	06-46060_	KER	5	0.0	4.6	5	FRAZIER REHAB - REHABILITATE PAVEMENT - IN KERN COUNTY AT FORT TEJON FROM LOS ANGELES COUNTY LINE TO 0.1 MILE NORTH OF GRAPEVINE CREEK BRIDGE		19	E	09-15-2005	04-05-2010	02-16-2011	04-01-2013	
62	06-46150_	TUL	190	0.0	8.0	5	LAIRDS CORNER REHAB - AC OVERLAY, SHOULDER WIDENING, LEFT TURN CHANNELIZATION & UTIL RELOCAT - ON ROUTE 190 FROM ROUTE 99 TO ROAD 184 (PM 0.0/8.0)	TULE RIVER IRRIGATION DISTRICT CULVERT	401	75	E	08-01-2012	05-01-2014	11-01-2014	11-01-2015
63	06-46380_	FRE	180	34.6	38.6	5	MENDOTA PASSING LANES - ADD PASSING LANES - ON ROUTE 180, IN FRESNO COUNTY BETWEEN JAMES ROAD AND LAKE AVENUE		27	E	07-01-2014	12-01-2016	05-01-2017	10-01-2018	
64	06-47100_	MAD	99	R7.1	R7.9	5	AVE 12 INTERCHANGE - MODIFY INTERCHANGE - ON ROUTE 99 FROM .5 MILES SOUTH OF AVENUE 12 OVERCROSSING TO .5 MILES NORTH OF AVENUE 12 OVERCROSSING	COTTONWOOD CREEK	401	50	ID-1	09-24-2009	05-01-2012	11-01-2012	11-01-2015
65	06-47150_	TUL	99	39.6	41.3	5	BETTY DRIVE INTERCHANGE - RECONSTRUCT INTERCHANGE - ON RTE 99 IN GOSHEN, TULARE COUNTY BETWEEN 1.0 MI S OF THE BETTY DRIVE OC AND 0.6 MI NORTH OF THE BETTY DRIVE OC		>5	C	01-21-2012	03-01-2016	09-01-2016	01-02-2019	

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
66	06-48340_	KER	L5722			5	TAFT MAINTENANCE STATION - CONSTRUCT EQUIPMENT SHOP - IN KERN COUNTY NEAR TAFT AT THE TAFT MAINTENANCE STATION		6	ID-1	07-29-2005	04-24-2009	06-23-2010	08-01-2012	
67	06-48450_	KER	99	27.3		5	HAGEMAN ROAD FLYOVER - EXTENSION AND CONNECTION TO RTE 204 - ON STATE ROUT (SR) 99 BETWEEN GOLDEN STATE AVENUE (SR 204) AND AIRPORT DRIVE (KP 43.7, 10.2/10.9)		30	BS-2	06-01-2012	05-01-2014	08-01-2014	07-01-2016	
68	06-48460_	KER	58	0.0		5	CENTENNIAL CORRIDOR PROJECT - CONSTRUCT 6/8 LANE FREEWAY - ON THE CENTENNIAL CORRIDOR BETWEEN RTE 58 AND INTERSTATE 5 (AT VARIOUS LOCATIONS)		0.91	EXISTING ID	04-01-2013	09-01-2015	04-01-2016	04-01-2018	
69	06-48470_	KER	178	0.3	1.1	5	RTE 178 (24TH AND 23RD ST) OAK ST TO M STREET - WIDEN EXISTING HIGHWAY - WIDEN 24TH ST (SR 178) BY ONE LANE EACH DIRECTION - ON ROUTE 178 IN BAKERSFIELD, KERN COUNTY BETWEEN OAK STREET AND 0.20 MI EAST OF M STREET		50	C	12-30-2011	08-01-2013	03-01-2014	12-01-2015	
70	06-48750_	KIN	198	R16.5	R17.2	5	12TH AVENUE INTERCHANGE - RECONSTRUCT INTERCHANGE - ON ROUTE 198 FROM 0.4 MILE WEST OF 12TH AVENUE OVERCROSSING TO 0.3 MILE EAST OF 12TH AVENUE OVERCROSSING	PEOPLES DITCH	401	E	11-05-2009	09-15-2012	03-05-2013	10-05-2015	
71	06-49390_	KER	178	0.2	0.6	5	RT 178 (24TH) AND OAK ST - CONSTRUCT IMPROVEMENTS - INTERSECTION IMPROVEMENTS AND WIDENING OF 24TH ST (SR 178) - ON ROUTE 58, 99 AND 178 IN BAKERSFIELD, KERN COUNTY BETWEEN SR99 SOUTHBOUND OFF-RAMP INTERESTION AND OLIVE STREET		25	C	12-30-2012	07-31-2013	03-01-2014	04-01-2015	

Table 5-1: District 6 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{1, 2}	Water Bodies Within or Adjacent to Project Limits ³	Dredge and Fill Activities (Y/N/NA) ⁴	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
INFORMATION FOR THE HIGH SPEED RAIL PROJECT IS NOT AVAILABLE AT THIS TIME AS DESIGN GENERATED BY OTHERS.															
72	06-2HT00_	FRE	0			5	HST - FRESNO TO MERCED SEGMENT - HIGH SPEED TRAIN SYSTEM - FROM NORTH OF CLINTON AVENUE IN FRESNO TO THE CITY OF MERCED AT VARIOUS COUNTIES	SAN JOAQUIN RIVER 303(d)	401	98	C	04-02-2012	01-01-2012	05-01-2013	02-21-2014
73	06-3HT00_	FRE	0			5	HST - BAKERSFIELD TO FRESNO SEGMENT - HIGH SPEED TRAIN SYSTEM - FROM BAKERSFIELD TO NORTH OF CLINTON AVENUE IN FRESNO AT VARIOUS COUNTIES					04-02-2012	01-01-2012	05-01-2013	02-21-2014

Treatment Control Status Legend	
BMP Device Types:	
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

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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 6 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected ⁶	Start Date	Completion Date
1	Mad	41	25.0-45.7	5	Winter Snow Activities	Lewis Creek, Fresno River, Coarsegold Creek	11/01/12	4/30/13
2	Mad	41	0.0-5.0	5	Winter Snow Activities	Lewis Creek	11/01/12	4/30/13
3	Fre	168	27.0-67.0	5	Winter Snow Activities	Shaver Lake/Huntington Lake	11/01/12	4/30/13
4	Fre	180	99.0-116.0	5	Winter Snow Activities	Sequoia Lake	11/01/12	4/30/13
5	Tul	190	37.5-56.5	5	Winter Snow Activities	Tule River	11/01/12	4/30/13
6	Kern	155	50-70.9	5	Winter Snow Activities	Lake Isabella/Kern River	11/01/12	4/30/13

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

Table 5-3: District 6 General Management Practices

Monitoring Activities
<p>The District plans to:</p> <ul style="list-style-type: none"> Continue to inspect and keep inventory of all District Maintenance facilities bi-annually for compliance with its Facility Pollution Prevention Plan. Under the direction of the Maintenance Stormwater Coordinator will actively participate in non-stormwater inspections and will implement effective BMPs for the various maintenance activities performed within Caltrans' ROW. Develop/upgrade FPPPs for appropriate sites, with priority based on risk to water quality. Sites to be evaluated for consideration include satellite stations, vector dump sites, and established stockpile locations throughout the District. Continue to monitor and direct Maintenance Supervisors to eliminate temporary or surplus stockpiles. Monitor and promote increased maintenance of wash rack facilities District-wide. Under the direction of the District Landscape Architect, will continue to provide recommendations for biofiltration swale seeding and will ensure more effort is being made to construct embankment slopes at 4:1. Use more compost in the erosion control mixes to help provide initial cover and to enhance vegetative growth.

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

Table 5-3: District 6 General Management Practices

Public Education and Participation						
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue to inform the public about stormwater quality issues pertaining to the District's property, facilities, and activities by participating in public events planned by the Partners for Clean Stormwater, promoting the Adopt-A-Highway Program, attending career days at the local high schools, and hosting booths to distribute literature and promotional materials. • Use project informational meetings to explain why stormwater treatment and specialized erosion control measures are being included in upcoming projects, and to share new specifications and manuals with other agencies and the public. 						
Municipal Coordination						
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue attending coordination meetings on a regular basis with the Fresno Metropolitan Flood Control District and the Partners for Clean Stormwater to discuss stormwater issues, coordinate training and public education efforts, and to share information. • Participate with the Central Valley Water Awareness Committee to discuss stormwater issues, public education efforts, tips for water conservation, pollution prevention, and to share information. • Expand meetings to include any permitted MS4 permittees within the District. • Seek opportunities to collaborate with the MS4 permittees to increase public education efforts within the District. • Participate in local events, as the District budget allows. • Make some District stormwater training courses available for participation by local agencies. • Notify, via written correspondence, the municipalities of any illicit discharges or connections discovered within the District ROW and associated with a municipality's jurisdiction. • Discuss and be open to any possible opportunities to participate in public outreach programs sponsored by the municipalities. 						
<p>The District has several cooperative agreements in effect with local agencies, including:</p>						
County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
Fresno	99/41/168/180			5	Fresno Metropolitan Flood Control District (FMFCD)	FMFCD accepts runoff from State Highways into basins they own and maintain.
Fresno				5	FMFCD	A partnership to promote public service announcements associated with the "Don't Trash California" program and to promote stormwater pollution prevention.

6 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. At this time, the RWQCB has not notified the District that it is stakeholder for any TMDLs.

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