

**California Department of Transportation
Stormwater Management Program
District 10 Work Plan**

Fiscal Year

2012-2013

CTSW-RT-12-286.12.1



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

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**California Department of Transportation
District 10 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)]

Carrie L Bowen

2-29-12

CARRIE L. BOWEN

Date

District 10

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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 10'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 10 will continue to implement the current Stormwater Management Plan (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 Best Management Practices. 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 10 will continue to partner with the local MS4s, including the City of Stockton, City of Modesto, and San Joaquin County, in an effort to further public education and outreach for compliance with water quality law.

District 10 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 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 SMARTS.

District 10 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, Encroachment Permits, and NPDES staff the Qualified SWPPP Developer Training Course and SMARTS training, for implementation of the Construction General Permit.

District 10's NPDES/Stormwater unit will increase communication, collaboration and coordination with District 10's Division of Planning and Local Assistance, Design, Maintenance, Construction, Landscape Architecture, Right-of-Way, Hydraulics, and Encroachment Permits Office 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, the Regional Water Quality Control 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 Encroachment Permits Office 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 Construction Stormwater Coordinators (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 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

Under the general direction of the District Encroachment Permits (EP) Chief, the Encroachment Permits (EP) Stormwater 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 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-10 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-10 Encroachment Permit Inspectors in resolving stormwater issues related to active or new D-10 Encroachment Permit projects.
- Conduct stormwater field inspections of authorized D-10 Encroachment Permit construction work.
- Document and submit stormwater compliance inspections of authorized D-10 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-10 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 10. 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 Headquarters’ 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 10 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).
Ethan Heilman	District 10 NPDES SWC	(209) 941-1918	ethan_heilman@dot.ca.gov	Contact for District 10 NPDES stormwater issues
Rudy Chavez	Central Region-Construction Stormwater Coordinator	(559) 444-2560	rudy_chavez@dot.ca.gov	Primary contact for all Central Region construction related stormwater issues.
Richard Epler	District 10 Construction Stormwater Coordinator	(209) 941-1911	richard_epler@dot.ca.gov	Primary contact for Construction-related stormwater issues during the project development phase of all D-10 projects.
Javid Shenasi	District 10 Construction Stormwater Coordinators	(559) 905-5501	javid_shenasi@dot.ca.gov	Primary contact for Construction-related stormwater issues during the construction phase of projects.
David Troop	District 10 Construction Stormwater Coordinators	(209) 470-8795	david_troop@dot.ca.gov	Primary contact for Construction-related stormwater issues during the construction phase of projects.

Staff Name	Title	Phone No.	E-mail	Responsibility
Lino Cruz	District 10 Maintenance Stormwater Coordinator	(209) 948-3724	lino_cruz@dot.ca.gov	Primary contact for maintenance-related stormwater issues.
Mike Barrington	District 10 Maintenance Stormwater Coordinator	(209) 948-3725	mike_barrington@dot.ca.gov	Primary contact for maintenance-related stormwater issues.
Dan Shafer	District 10 Encroachment Permits Stormwater Coordinator	(209) 948-7269	dan_shafer@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.
Sam Wong	Hydraulic Manager	(559) 243-3507	sam_wong@dot.ca.gov	Primary contact for hydraulic related issues.
Brad Cole	District 10 Landscape Architect	(559) 230-3134	brad_cole@dot.ca.gov	Primary contact for all District 10 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 10 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
District Director	(209) 948-7943	carrie_bowen@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 Illicit Connection/Discharge (IC/ID)
Encroachment Permits SWC	(209) 948-7269	dan_r_shafer@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)

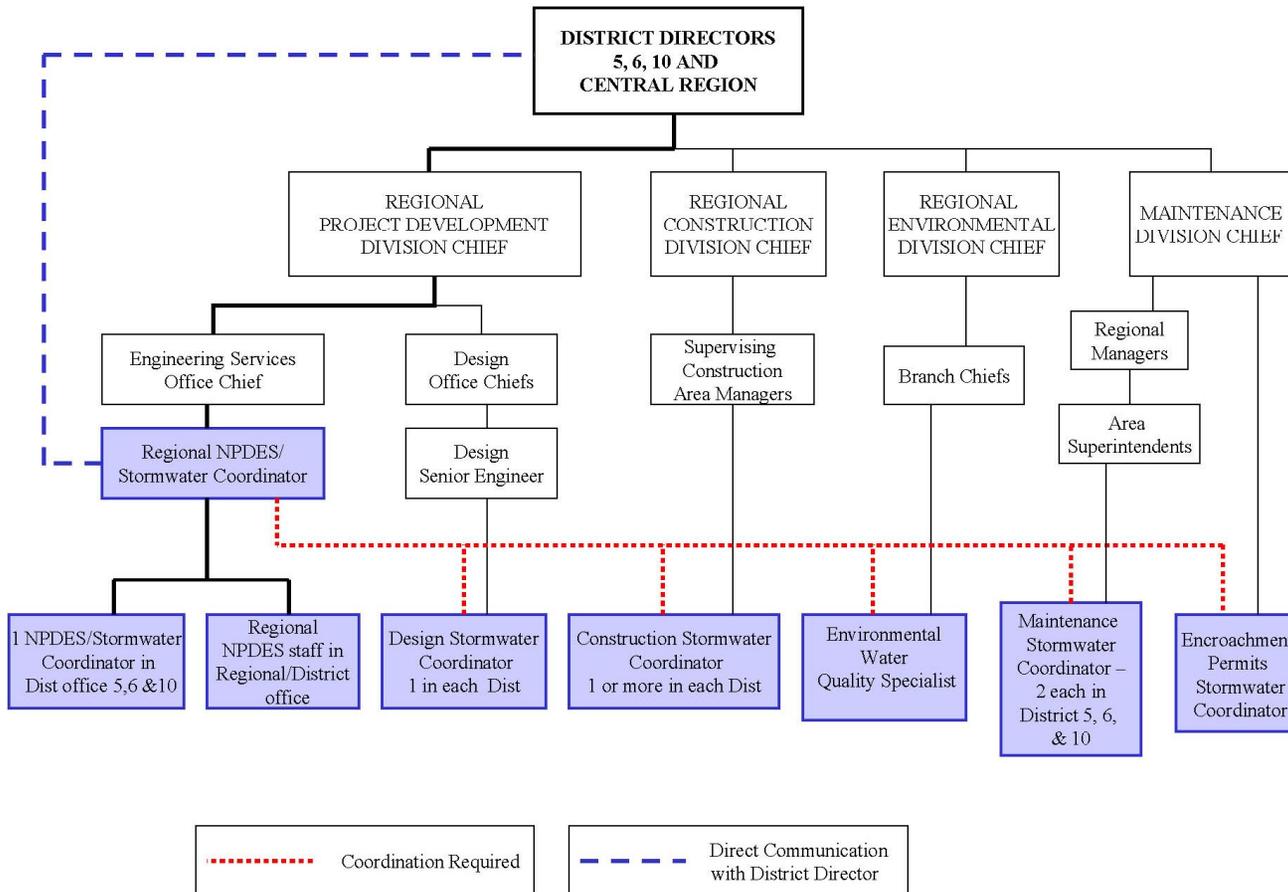
Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Maintenance SWC	(209) 948-3724	lino_cruz@dot.ca.gov	Facility Pollution Prevention Plans (FPPPs), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of Illicit Connection/Discharge
Maintenance SWC	(209) 948-3725	mike_barrington@dot.ca.gov	FPPPs, SWDRs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of Illicit Connection/Discharge

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

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Figure 2-1: District 10 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.

A list of drinking water reservoirs and recharge facilities within District 10 is presented in Table 4-1. Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities.

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

Table 4-1: District 10 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
Route 152 PM 2.5/ 11.0	Merced	5	San Luis Reservoir/O'Neill Forebay	The San Luis Reservoir/O'Neill Forebay provides a domestic water supply source for approximately 3,000 residents of the municipalities of Santa Nella and Dos Palos. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	No projects are planned within these facilities in the upcoming year.
Route 49 AMA -PM 0.000/R0.142 CAL -PM 30.820/30.865	Amador, Calaveras	5	Pardee Reservoir	Pardee Reservoir is the main water supply reservoir, fed entirely by the Mokelumne River. Pardee Reservoir is located in Amador and Calaveras counties, just west of Highway 49. The Pardee Reservoir spillway is at elevation 568 feet. At high water, the reservoir begins approximately 1 mile downstream from the Highway 49 bridge.	East Bay Municipal Utility District (EBMUD) serves 1.3 million people in Alameda and Contra Costa counties. EBMUD is concerned an accidental spill near the Highway 49 Mokelumne River Bridge would discharge into the Mokelumne River which would flow directly and rapidly into Pardee Reservoir.

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
Route 26 PM 30.000/30.23	Calaveras	5	Pardee Reservoir	Pardee Reservoir begins approximately 13 miles downstream from the Highway 26 bridge.	EBMUD is concerned an accidental spill near the Highway 26 South Fork Mokelumne River Bridge would discharge into the Mokelumne River which would flow into Pardee Reservoir.
Route 26 PM 33.601/ 33.627	Calaveras	5	Pardee Reservoir	Pardee Reservoir begins approximately 17 miles downstream from the Highway 26 bridge.	EBMUD is concerned an accidental spill near the Highway 26 Middle Fork Mokelumne River Bridge would discharge into the Mokelumne River which would flow into Pardee Reservoir.

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 10 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	10-0A010_	CAL	4	14.5	14.9	5	POOL STATION INTERSECTION - REALIGN AND WIDEN HIGHWAY WITH RHMA HMA AND AB - IN CALAVERAS COUNTY ABOUT 5.9 MILES WEST OF ANGELS CAMP FROM 2.4 MILES EAST OF HUNT ROAD TO 1.4 MILES WEST OF WEST BRANCH CHEROKEE CREEK	NASSAU CREEK	401	12	E	06-28-2007	06-30-2010	01-06-2011	01-14-2013
2	10-0A671_	STA	99	R15.1	R17.0	5	MODESTO RAMP REHAB - REHABILITATE MULTIPLE RAMPS - ON ROUTE 99 IN STANISLAUS COUNTY IN MODESTO FROM THE TUOLUMNE RIVER BRIDGE (PM 15.1) TO KANSAS AVENUE (PM 17.0)	TUOLUMNE RIVER (303d)		6	E	02-11-2008	01-10-2011	04-28-2011	07-31-2013
3	10-0A840_	SJ	12	5	10.2	5	RTE 12 IMPROVEMENTS - OPERATIONAL IMPROVEMENTS AT GLASSCOCK ROAD AND SMART CORRIDOR - ON STATE ROUTE 12 OPERATIONAL IMPROVEMENTS PROJECT IN SAN JOAQUIN COUNTY FROM POTATO SLOUGH BRIDGE TO FLAG CITY 10-SJ-12-PM 5.0/10.2	MOKELUMNE RIVER (303d)	401	37	3-BS 2-D	10-21-2009	05-26-2011	01-18-2012	02-12-2014

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 10 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
4	10-0A872_	STA	219	2.9	4.9	5	SR 219 4-LANE WIDENING PHASE II - WIDEN TO 4 LANES AND INTERSECTION IMPROVEMENTS - ROUTE 219, FROM MORROW RD TO ROUTE 108 - WIDEN TO 4 LANE		48	E	05-13-2004	12-07-2011	02-01-2012	10-30-2013	
5	10-0E490_	SJ	5	22.1	23.6	5	FRENCH CAMP/SPERRY ROAD - MODIFY/RECONSTRUCT - ON INTERSTATE 5, IN STOCKTON, IN SJ COUNTY FROM 0.6 KM SOUTH OF FRENCH CAMP RD INTERCHANGE TO 3.1KM NORTH OF FRENCH CAMP RD INTERCHANGE (KP 35.6/38.1)	FRENCH CAMP SLOUGH (303d)	401	39	C	07-26-2007	01-11-2012	09-03-2012	06-12-2014
6	10-0E530_	CAL	4	R10.3	R16.4	5	SR 4 WAGON TRAIL REALIGNMENT - TWO LANE EXPRESSWAY - ON SR 4 FROM EAST OF COPPEROPOLIS TO APPROX 6.4 KM WEST OF CAL-4/ CAL-49 INTERSECTION IN ALTAVILLE (ANGELS CAMP) (KP16.5 /26.3)	BLACK RASCAL CREEK	401	70	C	09-01-2013	10-01-2016	05-01-2017	03-01-2019
7	10-0E550_	SJ	5	16.4	16.8	5	I-5/LOUISE AVE I/C(WAS GOLD RUSH CITY) - INTERCHANGE IMPROVEMENTS - ON I-5 AT THE LOUISE AVENUE/RIVER ISLANDS PARKWAY INTERCHANGE BETWEEN LATHROP ROAD AND THE I-5/SR 120 CONNECTION		23	C	08-02-2012	N/A	N/A	N/A	
8	10-0E611_	SJ	99	4.9	14.2	5	MANTECA WIDENING-MAINLINE PHASE 1 - MAINLINE (PHASE 1) - IN SAN JOAQUIN COUNTY IN AND NEAR MANTECA FROM AUSTIN ROAD OVERCROSSING TO 0.4 MILE SOUTH OF ARCH ROAD UNDERCROSSING	LONE TREE CREEK (303d), WEBER SLOUGH, LITTLEJOHNS CREEK (303d)	54	1-ID 1-D 1-BS	03-18-2010	12-09-2011	05-09-2012	07-01-2014	

Table 5-1: District 10 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
9	10-0E612_	SJ	99	10.6	15	5	MANTECA WIDENING-FRENCH CAMP IC PHASE 2 - FRENCH CAMP INTERCHANGE (PHASE 2) - IN MANTECA, ON ROUTE 99 FROM 1.4 MILE NORTH OF LATHROP ROAD TO 0.4 MILE NORTH OF ARCH ROAD			12.3	E	03-18-2010	12-15-2011	06-20-2012	10-01-2014
10	10-0E613_	SJ	99	6.9	15	5	MANTECA WIDENING-LATHROP IC PHASE 3 - LATHROP INTERCHANGE (PHASE 3) - IN MANTECA, ON ROUTE 99 FROM 0.6 MILE SOUTH OF COTTAGE AVENUE TO 0.4 MILE NORTH OF ARCH ROAD			30	E	03-18-2010	07-02-2012	12-20-2012	10-01-2015
11	10-0F280_	CAL	4	43.8	44.2	5	BIG TREES STATE PARK WALL - CONSTRUCT WALL FOR SEDIMENT CONTROL - ON ROUTE 4 BETWEEN 2 KM NORTH OF WHITE PINE AND BIG TREES STATE PARK ENTRANCE (KP 70.5 /71.2)	BIG TREES CREEK	401	>1	C	07-09-2012	02-21-2014	08-28-2014	02-09-2015
12	10-0G440_	MER	99	19.3	20.9	5	ATWATER-MERCED EXPRESSWAY - CONSTRUCT A NEW ALIGNMENT - IN THE CITY OF MERCED AT VARIOUS LOCATIONS FROM THE INTERSECTION OF BELLEVUE AVE AND EXISTING RTE 59 TO THE INTERSECTION OF GURRD & EXISTING RTE 140 (KP 51.8/52.8)	BLACK RASCAL CREEK (303d), BEAR CREEK (303d), CANAL CREEK	401	60	C	12-08-2009	07-15-2013	11-01-2014	11-01-2017

Table 5-1: District 10 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
13	10-0G470_	SJ	5	28.5	35.6	5	NORTH I-5 STOCKTON WIDENING WITH HOV LANES - WIDEN FROM 6 LANES TO 8 LANES. - IN SAN JOAQUIN COUNTY ON ROUTE 5 FROM 0.4 MILE NORTH OF 8TH STREET UNDERCROSSING TO HAMMER LANE UNDERCROSSING (PM 25.0/32.7)	14 MILE SLOUGH, CALAVERAS RIVER (303d), SMITH CANAL (303d), BEAR CREEK (303d)		44	17-D	04-19-2010	10-18-2010	06-15-2011	03-31-2015
14	10-0G550_	AMA	88	22.3	23.8	5	PINE GROVE IMPROVEMENTS - IMPROVE OPERATION/BYPASS - ON STATE ROUTE 88 IN AMADOR COUNTY, IN THE VICINITY OF PINE GROVE FROM CLIMAX ROAD TO MT. ZION ROAD. (KP 36.2/38.4)	JACKSON CREEK	401	35	C	06-02-2014	08-01-2017	02-01-2018	03-01-2021
15	10-0G800_	SJ	12	0.1	R4.4	5	BOULDIN ISLAND REHAB - ROADWAY REHABILITATION - IN SAN JOAQUIN COUNTY NEAR TERMINOUS FROM MOKELUMNE RIVER BRIDGE TO POTATO SLOUGH BRIDGE	POTATO SLOUGH (303d), MOKELUMNE RIVER (303d)	401	14	E	02-02-2010	08-29-2012	03-20-2013	05-13-2015
16	10-0H04U_	SJ	4	5.4	R6.9	5	TRACY BLVD. / TRAPPER ROAD CURVE IMPROVEMENT - REALIGN CURVE - IN SAN JOAQUIN COUNTY NEAR HOLT FROM 0.8 KM WEST OF TRACY BOULEVARD TO 1.6 KM EAST OF TRACY BOULEVARD	TRAPPER SLOUGH	401	4	E	04-14-2006	06-05-2009	10-15-2009	10-01-2013
17	10-0H910_	SJ	205	2.4	R5.3	5	I-205 / LAMMERS RD / ELEVENTH STREET INTERCHANGE - OVERSIGHT TO CONST NEW IC - IN SAN JOAQUIN COUNTY IN AND NEAR TRACY FROM HANSEN ROAD OVERCROSSING TO GRANT LINE ROAD UNDERCROSSING (KP 3.8/R8.5)			50	C	04-11-2012	11-01-2013	05-01-2014	04-01-2016

Table 5-1: District 10 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
18	10-0K020_	MER	99	15.8	17.3	5	WEST MERCED BRIDGE REPLACEMENT - REPLACE BRIDGE - IN MERCED COUNTY IN AND NEAR MERCED FROM 0.1 KM NORTH OF V STREET UNDERCROSSING TO BLACK RASCAL CANAL BRIDGE	BEAR CREEK (303d)	401	14	BS-2	08-03-2006	06-01-2009	10-12-2009	12-06-2012
19	10-0L130_	SJ	99	24.9	25.9	5	EIGHT MILE / 99 INTERCHANGE - RECONSTRUCT EIGHT MILE RD I/C AT SJ-99 IN STOCKTON - IN SAN JOAQUIN CO AT EIGHT MILE ROAD IN STOCKTON (KP40.71/40.87)	BEAR CREEK (303d)	401	30	BS	11-01-2012	N/A	N/A	N/A
20	10-0L140_	SJ	99	23.5	24.5	5	MORADA/99 INTERCHANGE - RECONSTRUCT MORADA LANE I/C AT SJ-99 IN STOCKTON - IN SAN JOAQUIN CO AT MORADA LANE IN STOCKTON (KP37.8/39.4)	MOSHER SLOUGH (303d)	401	31	C	11-01-2012	N/A	N/A	N/A
21	10-0L320_	STA	99	R23.9	R25.1	5	RECONSTRUCT INTERCHANGE STA-99 @ HAMMETT ROAD - RECONSTRUCT INTERCHANGE - IN STANISLAUS COUNTY BETWEEN 0.4 MI SOUTH OF HAMMETT ROAD OVERCROSSING AND 0.8 MILES NORTH OF HAMMETT ROAD OVERCROSSING	STANISLAUS RIVER (303d)	401	40	C	01-25-2012	04-27-2013	08-27-2013	10-30-2015
22	10-0L330_	STA	99	21.9	23.1	5	RECONSTRUCT INTERCHANGE STA-99 @ KIERNAN (SR 219) - RECONSTRUCT INTERCHANGE - IN STANISLAUS COUNTY AT ROUTE 99 AND KIERNAN AVE (KP 36.0/36.64)	STANISLAUS RIVER (303d)		23	C	05-26-2011	08-15-2012	11-01-2012	04-15-2015

Table 5-1: District 10 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
23	10-0L570_	SJ	205	1.7	R12.6	5	TRACY CORRIDOR TREE PLANTING - HIGHWAY PLANTING - IN SAN JOAQUIN CO ON RTE 205 FROM THE SJ CO LINE TO CORRRAL HOLLOW UC AND FROM 0.2KM E/OF MACARTHUR DR TO THE 205/05 SEPARATION	OLD RIVER (303d)		17	E	02-27-2006	12-21-2009	05-28-2010	01-02-2015
24	10-0M780_	SJ	5	25.3	30	5	NORTH I-5 REHAB. - ROADWAY REHABILITATION - IN SAN JOAQUIN COUNTY NEAR AND IN THE CITY OF STOCKTON ON SR5 FROM CHARTER WAY TO COUNTRY CLUB BLVD	MORMON SLOUGH (303d), STOCKTON DEEP WATER CHANNEL (303d), SMITH CANAL (303d), WALKER SLOUGH (303d)		43	E	11-10-2009	06-15-2012	01-09-2013	02-01-2016
25	10-0P160_	TUO	120	8.1	8.5	5	LAGRANGE RD AND SR 120 ACCELERATION LANE CONSTRUCTION - CONSTRUCT EASTBOUND ACCELERATION LANE - ON ROUTE 120 FROM PM 8.1 TO PM 8.5			1.65	E	11-22-2011	01-31-2012	06-01-2012	12-31-2012
26	10-0P920_	MPA	140	42.0	42.7	5	FERGUSON SLIDE - PERMANENT RESTORATION PROJECT - CLEAR LANDSLIDE - ON ROUTE 140 FROM 1.2 MILES WEST TO 0.5 MILES WEST OF SOUTH FORK MERCED RIVER BRIDGE	MERCED RIVER (303d)	401	5	C	08-01-2012	05-02-2014	10-01-2014	10-01-2017
27	10-0Q120_	MER	99	28.8	/R37.3	5	MERCED MEDIAN WIDENING - WIDEN FROM FOUR LANES TO SIX LANES - IN MERCED COUNTY FROM STANISLAUS/ MERCED COUNTY LINE TO 0.4 KM SOUTH OF HAMMAT AVENUE OVERCROSSING			30	C	04-01-2013	12-01-2014	07-01-2015	09-01-2016

Table 5-1: District 10 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
28	10-0Q270_	SJ	205	1.9	7.9	5	I-205 AUX LANE - CONSTRUCT ADDITIONAL LANES - IN SAN JOAQUIN COUNTY NEAR TRACY AT VARIOUS LOCATIONS	OLD RIVER (303d)	401	22	E	11-25-2008	01-21-2010	11-02-2010	07-31-2013
29	10-0Q290_	MER	165	29.8	30.3	5	SR165/WESTSIDE BLVD CURVE CORRECTION - IMPROVE CURVE RADIUS, SUPERELEVATION, WIDEN SHOULDER, INSTALL RUMBLE STRIP - ON ROUTE 165 BETWEEN MERCED RIVER BRIDGE AND 0.2 MILES SOUTH OF WESTSIDE BOULEVARD			6	E	02-26-2013	08-01-2014	12-15-2014	12-01-2015
30	10-0Q610_	MPA	49	13.3	13.9	5	SR 49 & ASHWORTH RD LEFT TURN CHANNELIZATION - WIDEN ROADWAY FOR LEFT TURN CHANNELIZATION - IN MARIPOSA COUNTY SOUTH OF THE COMMUNITY OF MARIPOSA ON SR 49 AT THE INTERSECTION OF ASHWORTH ROAD	WEST PEGLEG CREEK, BIG SPRING CREEK		1.7	E	06-28-2010	08-01-2011	01-21-2012	01-02-2013
31	10-0S110_	SJ	4	R12.6	R15.7	5	SR 4 CROSSTOWN FREEWAY RAMP EXTENSION - EXTEND FREEWAY - ON STATE ROUTE 4 IN SAN JOAQUIN COUNTY FROM WEST END OF STATE ROUT 4 (CROSS-TOWN FREEWAY) TO PORT OF STOCKTON EXPRESSWAY (DAGGETT ROAD) ***OVERSIGHT ONLY***	DELTA WATERWAY-STOCKTON SHIP CHANNEL (303d)	401	145	C	10-20-2010	02-01-2013	06-01-2013	06-01-2016
32	10-0S790_	SJ	132	4.2		5	KOSTER RD. CHANNELIZATION - INSTALL LEFT TURN CHANNELIZATION - IN SAN JOAQUIN COUNTY ON STATE ROUTE 132 AT THE INTERSECTION OF KOSTER ROAD/SR 132			2	E	04-30-2010	06-30-2011	12-15-2011	12-01-2012

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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
33	10-0S800_	STA	108	R27.5	R45.5	5	NORTH COUNTY CORRIDOR - SR 99 TO SR 120 - EXPRESSWAY ON NEW ALIGNMENT - IN STA CO, ON NEW ALIGNMENT FROM SR 99 NORTH OF THE CITY OF MODESTO TO SR 120 EAST OF THE CITY OF OAKDALE	DRY CREEK, CASHMAN CREEK, WOOD CUTTER CREEK	401	>100	C	09-23-2014	05-02-2017	12-20-2017	09-01-2020
34	10-0S870_	STA	4	6.3	6.5	5	ROCKAWAY SHOULDER WIDENING & RUMBLE STRIP (EASTBOUND) - SHOULDER WIDENING WITH RUMBLE STRIPS - ROUTE 4 EASTBOUND FROM PM 6.3 TO 6.5 IN STANISLAUS COUNTY	ROCKAWAY CREEK, SMITH CREEK	401	1.33	E	03-01-2013	01-15-2014	06-02-2014	04-22-2015
35	10-0T160_	SJ	26	18.5	19	5	SANDSTONE CREEK CURVE CORRECTION - HORIZONTAL CURVE REALIGNMENT - ON ROUTE 26 FROM 0.3 MILE WEST OF SANDSTONE CREEK BRIDGE TO SHELLY ROAD	SANDSTONE CREEK		5.8	C	12-08-2011	11-15-2012	05-22-2013	12-22-2015
36	10-0T630_	SJ	88	19.1		5	BUENA VISTA CASINO - HIGHWAY MITIGATION - SIGNALIZE AND IMPROVE INTERSECTIONS - IN SAN JOAQUIN COUNTY ON SR 88 AT INTERSECTION OF SR 12 AND LIBERTY ROAD, AND IN AMADOR COUNTY ON SR 88 AT THE INTERSECTION OF BUENA VISTA ***OVERSIGHT ONLY***			1.3	E	01-03-2012	01-15-2012	06-03-2013	06-03-2014

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		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
37	10-0W680_	MER	165	15.4	14.9	5	FWS SAN LUIS PARK ENTRANCES - CONSTRUCT ACCELERATION & DECELERATION LANES AT ENTRANCE - LOCATED AT THE ENTRANCE TO THE SAN LUIS NATIONAL WILDLIFE REFUGE ON STATE ROUTE 165			>1	C	N/A	N/A	N/A	N/A
38	10-1A690_	STA	99	9.7	10.9	5	MITCHELL RD/SERVICE RD INTERCHANGE - RECONSTRUCT INTERCHANGE - ON RTE 99 IN CERES, IN STANISLAUS COUNTY FROM 0.5 KM SOUTH TO 1.0 KM NORTH OF MITCHELL ROAD (KP 15.6/17.5)		401	5	C	03-01-2016	08-01-2018	11-01-2018	07-01-2021
39	10-26444_	AMA	88	0.0	5.5	5	JACKSON VALLEY REHAB - ROADWAY REHABILITATION - ON ROUTE 88, IN AMADOR COUNTY FROM THE AMADOR COUNTY LINE TO THE JUNCTION OF ROUTE 88 AND ROUTE 124	JACKSON CREEK	401	11	E	03-14-2008	10-21-2011	04-25-2012	11-17-2014
40	10-27980_	MER	165	11.7	26.7	5	WOLFSEN REHAB - HOT MIX ASPHALT OVERLAY TYPE B - IN MERCED COUNTY NEAR LOS BANOS FROM HENRY MILLER ROAD TO 0.1 MILE SOUTH OF ROUTE 140	SAN JOAQUIN RIVER 303d, SALT SLOUGH (303d)	401	>5	E	03-22-2007	06-29-2010	06-14-2011	02-01-2013
41	10-2A290_	STA	33	23.4		5	INGRAM CREEK BRIDGE SCOUR-BRIDGE SCOUR MITIGATION BR #38-0018--ON ROUTE 33 AT INGRAM CREEK BRIDGE NEAR THE TOWN OF WESTLEY IN STANISLAUS COUNTY (KP 37.7)	INGRAM CR (303d)	401	2.4	E	10-14-2005	06-25-2010	12-29-2010	12-01-2012

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		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
42	10-2A420_	CAL	26	0.0	3.1	5	SAVAGE WAY REHAB - PAVEMENT REHABILITATION - ON RTE 26 FROM WIMER/OSTITAL ROAD IN SAN JOAQUIN COUNTY TO SAVAGE WAY IN CALAVERAS COUNTY (KP32.7/33.0, 0.0/4.9)	INDIAN CREEK	401	37	E	01-16-2007	07-30-2010	07-15-2011	12-01-2012
43	10-2A780_	SJ	132	1.4	3.0	5	BIRD ROAD INTERCHANGE - CONSTRUCT NEW INTERCHANGE - IN SAN JOAQUIN CO ON RTE 132 FROM 0.1 MILE W/OF INTERSTATE 5 TO 0.4 MILES EAST OF SERVICE ROAD OC	LONE TREE CREEK (303d), FRENCH CAMP SLOUGH (303d), LITTLE JOHN CREEK		40	E	12-01-2006		12-01-2011	08-01-2013
44	10-3169C_	MER	99	26.8	27.6	5	LIVINGSTON STAGE 2 FWY PLANTING - HIGHWAY PLANTING AND IRRIGATION - IN MERCED COUNTY NEAR LIVINGSTON FROM 0.3 MILE SOUTH TO 0.5 MILE NORTH OF SULTANA DRIVE OVERCROSSING			1.3	E	11-30-2006	11-25-2008	04-06-2010	09-05-2014
45	10-34042_	TUO	108	R4.0	R6.0	5	EAST SONORA II - CONSTRUCT STAGE 2 OF SONORA BYPASS - IN TUOLUMNE CO NEAR SONORA ON SR 108 FROM 0.8 KM WEST OF STANDARD ROAD TO VIA ESTE	ALERINE CREEK, PHOENIX DITCH	401	40	E	07-16-1999	05-13-2010	01-25-2012	11-01-2013
46	10-38150_	MER	165	26.7	30.0	5	STEVINSON REHAB - AC OVERLAY, DIGOUTS, INTERSECTION IMPROVEMENTS & SHOULDER WIDENING - NEAR STEVINSEN FROM RTE 140 TO 0.2 KM S OF WESTSIDE BLVD RIGHT	EAST SIDE IRRIGATION CANAL		22	E	12-01-2005	02-24-2012	08-29-2012	12-04-2013

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		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
47	10-3A100_	SJ	99	15.0	18.6	5	SOUTH STOCKTON 6-LANE - WIDEN TO 6 LANES - ON ROUTE 99, IN SAN JOAQUIN COUNTY, IN STOCKTON, FROM 0.4 MILES NORTH OF ARCH ROAD TO 0.1 MILES SOUTH OF ROUTE 4 WEST/ROUTE 99 NORTH CONNECTOR	DUCK CREEK (303d)	401	21	C	10-28-2008	03-30-2012	10-17-2012	10-05-2015
48	10-3A130_	MER	140	38.1	38.6	5	PARKWAY INTERCHANGE - CONSTRUCT INTERCHANGE AND OVERHEAD - ON STATE ROUTE 140 FROM .65 MILES EAST OF SANTA FE AVENUE TO 0.15 MILES WEST OF KIBBY ROAD (KP 60.4/62.3)	HARTLEY LATTERAL	401	37	BS-1 D-2 maintained by County	01-27-2009	03-15-2012	07-15-2012	09-15-2014
49	10-3A66U_	MER	140	36.5	37.6	5	BRIDGE REPLACEMENT & WIDENING IN MERCED COUNTY - REPLACE BRIDGE AND WIDEN ROADWAY - IN MERCED COUNTY IN AND NEAR MERCED FROM MARHELLA AVENUE TO 0.3 KM EAST OF SANTA FE AVENUE	HARTLEY LATTERAL "C"		25	3-ID	N/A	N/A	10-26-2010	10-27-2014
50	10-40350_	STA	132	R11.3	R14.7	5	ROUTE 132 WEST EXPRESSWAY - CONSTRUCT 4 LANE EXPRESSWAY ON NEW ALIGNMENT AND SOUNDWALL - IN MODESTO ON NEW ALIGNMENT FROM DAKOTA TO SR 99		401	67	C	02-04-2013	06-30-2014	11-30-2014	03-30-2017
51	10-41482_	MER	99	24.4	R25.8	5	ATWATER HIGHWAY PLANTING - HIGHWAY PLANTING AND IRRIGATION - ON ROUTE 99 IN MERCED COUNTY, IN AND NEAR ATWATER FROM 0.7 MILE NORTH OF ATWATER OH TO 0.7 MILE SOUTH OF ARENA WAY			1.25	E	02-26-2010	04-01-2011	11-22-2011	06-07-2016

Table 5-1: District 10 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
52	10-41570_	MER	99	4.6	10.5	5	ARBOLEDA DR FWY - 4E TO 6F ON 8F R/W ALIGNMENT - ON ROUTE 99 FROM BUCHANAN HOLLOW ROAD TO 0.5 KM NORTH OF MCHENRY ROAD IN MERCED COUNTY (KP 7.4/16.9)	DEADMAN CREEK (303d), MARIPOSA CREEK, DUCK SLOUGH (303d)		437	E	06-30-2006	05-25-2011	04-11-2012	04-25-2015
53	10-41580_	MER	99	0.0	4.6	5	PLAINSBURG RD FREEWAY - 4E TO 6F ON 8F R/W ALIGNMENT - ON ROUTE 99 FROM MADERA/MERCED COUNTY LINE TO BUCHANAN HOLLOW ROAD (KP 0.0/7.4)	CHOWCHILLA RIVER (303d), DUTCHMAN CREEK, SOUTH DUTCHMAN CREEK	401	200	E	06-30-2006	06-20-2011	06-06-2012	06-20-2015
54	10-41911_	MER	152	R22.3	R25.8	5	LOS BANOS BYPASS SEGMENT I - FOUR LANE FREEWAY. SEGMENT I - IN LOS BANOS FROM SR 165 TO SR 152 NEAR SANTA FE ROAD. CONSTRUCT A PORTION OF THE BYPASS BETWEEN EXISTING SR 165 AND TIE-IN WITH EXISTING SR 152 SIGNALIZED I/S			>5	C	06-25-2007	05-01-2014	01-02-2015	09-01-2016
55	10-47210_	STA	99	21.0	22.4	5	PELANDALE INTERCHANGE - MODIFY INTERCHANGE. - IN STANISLAUS COUNTY IN MODESTO FROM 0.3 KM SOUTH TO 0.6 KM NORTH OF PELANDALE OVERCROSSING	MODESTO IRRIGATION CANAL LATERAL 6 & 7		6	C	12-21-2009	08-20-2012	11-20-2012	11-20-2015
56	10-48100_	MER	99	13.9	14.4	5	EAST MERCED OH - WIDEN WNDERCROSSING AND WIDEN RDWY EAST MERCED OH - IN MERCED COUNTY IN MERCED FROM 0.3 MILE SOUTH OF ROUTE 99/140 SEPARATION TO G STREET UNDER CROSSING AND ON ROUTE 140 AT MAIN STREET.			2.2	E	06-30-2006	06-24-2011	01-11-2012	10-01-2014

Table 5-1: District 10 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.															
57	10-0V070_	MER	99	0	18.6	5	HIGH SPEED TRAIN SYSTEM - ON STATE ROUTE 99 IN MERCED COUNTY (PM 0.0/18.6)	N/A	N/A	N/A	N/A	04-02-2012	N/A	N/A	N/A
58	10-0V090_	MER	152	R0.0	R40.8	5	HIGH SPEED TRAIN SYSTEM - ON STATE ROUTE 152 IN MERCED COUNTY (PM R0.0 / R40.8)	N/A	N/A	N/A	N/A	07-01-2013	N/A	N/A	N/A

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 10 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	Cal	26	30.0-38.3	5	Slide material removal, Crack sealing, dig outs, ditch cleaning, ice control and sanding	South, Middle, North Fork Mokelumne Rivers	07/12	06/13
2	Cal	4	43.7-44.9	5	Crack sealing, ditch cleaning, winter snow activities	Big Trees Creek	07/12	06/13
3	Ama	88	14.29-24.147	5	Crack sealing, paving, ditch cleaning, winter snow activities, ice control and sanding	Jackson Creek	07/12	06/13
4	Alp	88	0.45-25.28	6	Crack sealing, paving, ditch cleaning, and cinders; winter snow activities including avalanche control, ice control and sanding	W Fork Carson River, Caples Lake, Red Lake	07/12	06/13
5	Mpa	140	43.2-51.8	5	Slide material removal, Crack sealing, ditch cleaning, ice control and sanding, Dig outs	Merced River	07/12	06/13
6	Ama	88	62.75-66.30	5	Crack sealing, paving ditch cleaning, winter snow activities, ice control and sanding	Silver Lake	07/12	06/13
7	Sta	99	17.01	5	Wash rack cover	None	1/11	06/13
8	Mpa	49	44.6	5	Wash rack cover	None	1/11	06/13

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.

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

Table 5-3: District 10 General Management Practices

Monitoring Activities
<p>The District Plans to:</p> <ul style="list-style-type: none"> • Under the direction of the Maintenance Stormwater Coordinator, continue to inspect District Maintenance facilities annually for compliance with its Facility Pollution Prevention Plan. Will actively participate in non-stormwater inspections and will implement effective BMPs for the various maintenance activities performed within Caltrans' right-of-way. Ensure that during the Design phase of projects, sediment/sand traps at the inlet side of the drain inlets are installed where water quality may be affected. • Under the direction of the Maintenance Stormwater Coordinator, implement the following goals into the 2012/2013 year. <ul style="list-style-type: none"> ○ Install four canopy covers over equipment wash/rinse racks ○ Continue to inventory and inspect temporary/permanent stockpile and decanting locations ○ Install recycle system and pre-wash systems at select District 10 Maintenance Stations ○ Partner with construction to create better communication to address stormwater concerns during the construction phase of the project. ○ Upgrade drain cleaning storage sites • At the request of Maintenance and under the direction of the Hydraulics Representative, continue to ensure that, during the design phase, traction sand traps for inlets above the snowline, elevation 1500 and above are included in contract plans. During the PA&ED phase, Hydraulic representatives will consult local maintenance superintendents to determine whether sand traps for the area are necessary or not. The idea is to trap the sand before it is discharged into storm drain systems such as roadside ditches. • Under the direction of the District Landscape Architect, continue to provide recommendations for bio-filter/swale seeding and ensure more effort is being made to maintain slopes at 4:1. In addition, plans to continue the use of compost in the erosion control mixes to help provide initial cover and to enhance vegetative growth. • Under the direction of the District Construction SWC, will continue the Construction Compliance Evaluation Program to monitor Permit compliance in construction projects.
Public Education and Participation
<p>The District Plans to:</p> <ul style="list-style-type: none"> • Under the direction of the Maintenance SWC provide ongoing training pertaining to stormwater issues. This will be provided through the BMP tailgate meetings every 10 days or when there is a significant change of activities. Three-hour stormwater training will be given to all Maintenance staff, including shop and field mechanics. Superintendents and Management will receive two hours of training. The Maintenance Division will also continue to be an active participant in the "Don't Trash California" public education litter control campaign. • Under the direction of the Central Region Construction training coordinator, organize the training of staff in stormwater pollution prevention regulations, to ensure staff gains proficiency in the erosion and sediment control; stormwater discharge monitoring and reporting, project planning and site assessment, SWPPP development and Permit Registration Documents and project closeout to meet compliance with the latest construction general permit requirements • Under the direction of the Central Region NPDES Stormwater Unit plan and coordinate stormwater training courses for Design staff. Training will consist of: The Project Planning and Design Guide, Revised Universal Soil Loss Equation 2 (RUSLE2) Training, Designing Permanent Treatment BMPs, and Stormwater Data Report Workshops. • Continue its Adopt-A-Highway program. Caltrans' Adopt-A-Highway program is a continual reminder to participants and to the public of pride in their public property, and the unacceptability of litter. • Continue its Don't Trash California campaign effort. This is a statewide campaign to reduce the amount of pollutants (including litter) that enter the highway storm drains.

Table 5-3: District 10 General Management Practices

Municipal Coordination
<p>The District plans to:</p> <ul style="list-style-type: none">• Conduct coordination meetings on a regular basis with various local agencies for projects under development.• Supplement ongoing local MS4 coordination with District 10 NPDES hosted facilitation meetings to include inspectors and staff of local construction departments.• Expand meetings to include newly 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 District stormwater training courses available for participation by local agencies.• Notify, via written correspondence, the municipalities of any IC/IDs discovered within the District right-of-way 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.

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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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