

**California Department of Transportation  
Stormwater Management Program  
District 9 Work Plan**

Fiscal Year

**2017-2018**

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California Department of Transportation  
Division of Environmental Analysis  
Stormwater Management Program  
500 South Main Street, Bishop, California 93514

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

October 1, 2016



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**California Department of Transportation  
District 9 Certification  
District Work Plan 2017-18**

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**Brent L. Green**

**District 9 Director**

*08.31-2016*

**Date**

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# 1 Introduction

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## General Information about the District Work Plan

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

This DWP presents information about District 9'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 2017-18. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

[http://www.swrcb.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2012/wq2012\\_0011\\_dwq\\_conformed\\_signed.pdf](http://www.swrcb.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf).

The DWP's seven sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways or facilities can discharge directly to a drinking water reservoir or ground water recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities to address the requirements listed in Attachment V of the Conformed NPDES Permit.

## District Goals and Commitments

The goals of the District 9 Stormwater Program are to implement pollution prevention measures and construction site BMPs that minimize adverse effects of stormwater discharges from Caltrans projects; to work with local partners to develop stormwater solutions; and to educate staff and the public through training and outreach. The District's intention is to inform the public and contractors of statewide requirements to eliminate pollution from stormwater runoff. The National Pollutant Discharge Elimination System (NPDES) Coordinator and Stormwater Coordinators will meet regularly to further compliance with the SWMP and stormwater policy and to review ongoing performance to implement improvements in District stormwater processes.

The District plans to accomplish these goals by the following actions:

- Educate and advise staff on the submittal of projects through electronic filing of Project Registration Documents (PRDs) onto the State Water Resources Control Board's Stormwater Multi-Application Reporting and Tracking System (SMARTS). Construction will continue to train new personnel at the yearly Construction Safety Refresher Course, and the Maintenance Division will continue stormwater/water pollution control training of maintenance personnel.
- Implement guidance and procedures to identify water pollution control in the planning, design, environmental, and construction phases and to bring contracts into compliance with the Permit.
- The District will continue to request funding and perform public outreach as resources allow.



## **2 District Personnel and Responsibilities**

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

### **District NPDES Stormwater Senior Engineer (DSWE)**

Under the direction of the District NPDES Stormwater Senior Engineer, the Stormwater Coordinators are engineers, landscape architects, environmental planners, maintenance stormwater managers, and right of way agents responsible for ensuring compliance with the District stormwater quality policies. The DSWE supervises and supports the Stormwater Coordinator staff, which executes the activities of the Stormwater Program. The specific stormwater tasks of the NPDES Senior Engineer include the following:

- Implements a quality assurance and quality control program for monitoring the activities of the District functional units, to ensure the conditions of the Statewide NPDES Permit, SWMP, and District Work Plan (DWP) are implemented properly.
- Provides guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Program, as described in the DWP.
- Ensures the accuracy and adequacy of the stormwater workload allocations for each fiscal year.
- Coordinates and tracks resource distributions and projects within the District.
- Works as leader and chairperson of the District NPDES Coordination Team and schedules stormwater training for construction, design, and environmental functional units.
- Assists other District functional units in prioritizing, monitoring, tracking, and evaluating Stormwater Program resources, activities, and operations.
- Participates in the preparation of the contract PS&E to address Construction, Pollution Prevention, and Treatment BMPs.
- Reviews adequacy of all District Storm Water Data Reports (SWDR) for all District projects, as required by the Project Planning and Design Guide, and signs all SWDRs.
- Ensures adequate preparation of RWQCB notifications as required by the Permit.
- Represents District 9 in face-to-face SWAT meetings when needed.
- Arbitrates disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.
- Establishes impartial and equitable decisions that benefit Caltrans in attaining the objectives of the Stormwater Program.

### **District Stormwater Coordinator (DSWC)**

- Develops and delivers the District Work Plan (DWP) and Annual Report.
- Assists the DSWE in prioritizing, monitoring, tracking, and evaluating Stormwater Program resources, activities, and operations.
- Works as the primary liaison, “single point of contact,” on stormwater and waste discharge issues between the District and Headquarters.

- Reviews and prepares comments on all District Storm Water Data Reports (SWDR) on all District projects for the DSWE signature.
- Uses STEVE and Stormwater Portal databases for project tracking, commenting, and document uploads.
- Represents the District at Water Quality Stormwater Advisory Teams (WQSWATs) and reports current information to the DSWE.
- Monitors and evaluates the stormwater activities and procedures of municipalities, developers, and other agencies.

### **Environmental Engineer Stormwater Coordinator (EESWC)**

The Environmental Engineering Stormwater Coordinator (EESWC) is a member of the District NPDES Coordination Team responsible for ensuring that District 9 complies with the NPDES Permit, SWMP, and DWP. The Environmental Engineer 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. The EESWC will consult with the District Stormwater Engineer (DSWE) and the NPDES/Stormwater Team on project activities which have a direct relationship to the 2012 NPDES Permit, potential enforcement actions, and stormwater issues. The EESWC will represent the District to external partners and agencies as needed. The responsibilities of the EESWC Coordinator include:

- Assists project engineers in the Design, Construction, and Maintenance Engineering branches for evaluation and recommendation of permanent control and temporary treatment measures for addressing project stormwater and water quality impacts.
- Reviews all District Storm Water Data Reports (SWDR) on District projects and provides comments to the DSWE & DSWC.
- Assists field staff overseeing construction activities with environmental permits and ensures the environmental requirements are complied with and thoroughly documented.
- Participates in the Design & Construction Stormwater Advisory Teams (PDSWAT & CSWAT) and WQSWAT, if necessary.
- Assists the DSWC with compiling related materials required for the Annual Report, the DWP, and other stormwater documents.
- Oversees activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control.
- Works as the primary liaison, “single point of contact,” on stormwater and waste discharge issues between the District and the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other environmental agencies.

### **Design Stormwater Coordinator (DESWC)**

The Design Stormwater Coordinator (DESWC) is a member of the District NPDES Coordination Team responsible for ensuring that the District 9 Design Office complies with the NPDES Permit, SWMP, and DWP. During the project development phase, the DESWC assists engineers in addressing Stormwater Program requirements. Responsibilities include reviewing and editing all Design SWDRs, responding to project engineer’s stormwater questions, and distributing regulatory changes that affect project design. The responsibilities of the DESWC Coordinator include:

- Supports Design in evaluation and recommendation of temporary controls for non-stormwater discharges and waste management activities.
- Assists Design in evaluation and recommendation of permanent control and temporary treatment measures for addressing project stormwater impacts.
- Participates in the Design Stormwater Advisory Team (PDSWAT).
- Assists the DSWC with compiling related materials required for the Annual Report, the DWP, and other stormwater documents.

### **Maintenance Coordinator (MSWC)**

The Maintenance Stormwater Coordinator (MSWC) is a member of the District NPDES Coordination Team responsible for ensuring that the District 9 Maintenance Office complies with the NPDES Permit, SWMP, and DWP. The MSWC is responsible for communicating relevant SWMP needs to Maintenance personnel and the District Coordinator (DSWC). The MSWC serves as the single point of contact for all Maintenance Stormwater Program inquiries. The MSWC is responsible for specific tasks, including:

- Represents the District at Maintenance Stormwater Advisory Teams (MSWATs) and participates in monthly meetings updating personnel on stormwater related maintenance activities.
- Reviews Stormwater Programs for elements related to the Division of Maintenance and monitors permanent controls and temporary treatment measures for implementation and effectiveness.
- Coordinates stormwater training for District Maintenance personnel.
- Compiles and provides to the District Stormwater Coordinator (DSWC), all related material required for the Annual Report, the DWP, and other related stormwater documents.
- Conducts Facility Pollution Prevention Plan (FPPP) inspections and prepares, maintains, and updates FPPPs.
- Administers the slope inspection program.
- Responds to Illegal Connection/Illicit Discharges.
- Participates in Construction contract acceptance review.
- Reviews and comments on draft stormwater permits.

Reviews and signs long form SWDRs to ensure compliance with Maintenance requirements and maintainability of stormwater control measures after construction is completed.

### **Construction Coordinator (CSWC)**

The Construction Stormwater Coordinator (CSWC) is a member of the District NPDES Coordination Team responsible for ensuring that the District 9 Construction Office complies with the NPDES Permit, SWMP, and DWP. The responsibilities of the CSWC include:

- Conducts inspections with the Resident Engineer (RE) to ensure that stormwater controls are implemented on construction sites. Assists by consulting and reviewing SWPPPs for adequacy.
- Serves as the primary point of contact for stormwater issues during the construction phase.
- Reviews Water Pollution Control Programs (SWPPPs & WPCPs).

- Reviews SWPPPs & WPCPs to ensure that project plans identify and adequately fund stormwater needs for each project.
- Tracks critical compliance milestones that occur before and during the course of construction.
- Conducts final project closeout inspections.
- Assists the Resident Engineer in the submittal of the Notice of Intent (NOI) and the Notice of Termination (NOT) to the RWQCB for SWPPP projects.
- Reports to the Resident Engineer when the RWQCB has responded to Caltrans that the NOI is active.
- Provides oversight inspections for SWPPP & WPCP projects.
- Prepares and submits Threat of Discharge reports and IC/ID reports for Construction.
- Participates on the Construction SWAT (CSWAT) as defined in the SWMP.

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

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

The ROW Stormwater Coordinator (RWSWC) is a member of the District NPDES Coordination Team responsible for ensuring that the District 9 Right-of-Way office complies with the Caltrans NPDES Permit, SWMP, and DWP. The responsibilities of the RWSWC include:

- Attends District NPDES Coordination Team meetings to report on Right-of-Way activities.
- Ensures that stormwater training is available to ROW Agents tasked with property inspection responsibilities.
- Ensures that regular property inspections include stormwater inspections.
- Maintains documentation of the inspection findings and corrective actions.
- Prepares a summary of completed stormwater property inspections for use in Annual Reports.
- Disseminates information and answers questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notifies the DSWE of discharges or situations that appear to be in violation of Caltrans' NPDES Permit, SWMP, or DWP.
- Reports instances where ROW may conduct construction activities that require the development of a SWPPP and related notification (i.e., demolitions, etc.).

### **Engineering Services (Hydraulics) Representative (HSWC)**

The Hydraulics Stormwater Coordinator is a member of the District NPDES Coordination Team ensuring that the District 9 Office complies with the Caltrans NPDES Permit, SWMP, and DWP. The HSWC is responsible for providing project-specific information on permanent control measures that are being planned, designed, and implemented in projects. The HSWC helps to answer questions regarding erosion, culvert condition, culvert problems, and general drainage concerns. If the field teams cannot address a problem, then the HSWC will assess the situation and offer recommendations for correction. The HSWC

ensures that the design processes (especially those related to evaluating, selecting, and designing permanent and treatment control measures) used in hydraulic design are consistent with the NPDES Permit, DWP, and SWMP.

### **Public Affairs Coordinator (PIO)**

The Public Information Officer (PIO) is a member of the District NPDES Coordination Team responsible for ensuring that District 9 responds to all stormwater-related media requests. The PIO is responsible for the preparation and dissemination of information about District stormwater activities to the media, elected officials, the public, employees, and to functional units within the District and Caltrans. The PIO prepares news releases and responds to the public, media, elected officials, and internal inquiries regarding stormwater issues. The PIO organizes and conducts groundbreaking and opening ceremonies, incorporating, when feasible, stormwater public information. The PIO also composes and publishes articles for internal publications, briefing papers, news releases, technical journals, and in-house newsletters focused on stormwater public outreach, as well as creating a wide variety of marketing materials for media presentations, brochures, public hearings, and court exhibits. The PIO develops and maintains effective relationships with all media serving Inyo County, Mono County, and the eastern portion of Kern County, and will ascertain current stormwater status information by attending formal project meetings and through direct ongoing contact with cross-functional managers.

### **Encroachment Permits Coordinator (EPSWC)**

The Encroachment Permits Stormwater Coordinator (EPSWC) is a member of the District NPDES Coordination Team responsible for ensuring that the District 9 Permit Office complies with the NPDES Permit, Stormwater Management Plan (SWMP), and District Work Plan (DWP). The Office of Permits is responsible for issuing permits within Inyo, Mono, eastern Kern, and portions of San Bernardino County to local agencies, utility companies, and others (e.g., film production companies, marathon sponsors, and communities) who desire to encroach into Caltrans' Right of Way (ROW) for conducting construction, maintenance, or other activities consistent with their organization. The EPSWC ensures that all permitted activities encroaching into Caltrans' ROW comply with the NPDES Permit in a manner that is consistent with Design, Construction, and Maintenance requirements. The responsibilities of the EPSWC include:

- Reviews 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 Stormwater Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or Erosion and Sediment Control Plan (ESCP) are provided.
- Coordinates permit activities with District 9 Construction and other members of the District NPDES Coordination Team on stormwater-related issues.
- Monitors all pending and active Encroachment Permit (EP) projects that have stormwater issues.
- Reviews and accepts encroachment permit applicant's SWPPPs, WPCPs or ESCPs.
- Attends/participates in stormwater meetings in the District and CSWAT/EPWAT conferences.
- Assists District 9 Encroachment Permit Inspectors in resolving stormwater issues related to active or new projects.
- Conducts stormwater field inspections of authorized District 9 Encroachment Permit construction work.
- Contacts District Maintenance and the DSWC coordinator for Illegal Connection/Illegal Discharge (IC/ID) activities or operations, and assists during investigations.

- Maintains SWPPP records per the Construction General Permit (CGP) requirements.

### **Landscape Architecture Coordinator (LASWC)**

The District Landscape Architecture Stormwater Coordinator (LASWC) is a member of the District NPDES Coordination Team responsible for ensuring that landscape and erosion control features of projects are in compliance with the NPDES Permit, SWMP, and DWP. The District Landscape Architect is a liaison with Headquarters Landscape Architecture Program to develop, submit, review, and obtain approval for all specifications and details related to erosion and sediment control. In addition, the LASWC provides expertise to Construction and Maintenance, and compliance recommendations to Encroachment Permits. The responsibilities of the LASWC include:

- Determines and evaluates stormwater impacts during CEQA/NEPA screening.
- Evaluates and recommends permanent control and treatment control measures to address a project’s stormwater impacts.
- Develops specifications, details, and guidance materials related to erosion and sediment control. Prepares contract Project Specification and Estimate (PS&E) to address erosion and sediment controls for projects.
- Reviews the contract PS&E for required permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- After review, signs SWDRs at the Project Initiation Document (PID), the Project Approval/ Environmental Document (PA/ED), and the PS&E phases.
- Participates in the Design SWAT identified in the SWMP.

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

***Table 2-1: District 9 Stormwater Personnel and Responsibilities***

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Rob Sanchez	District NPDES Stormwater Senior Engineer <b>(DSWE)</b>	(760) 872-0656	rob.sanchez@dot.ca.gov	Directs & supervises stormwater management. Ensures District efforts achieve compliance with the NPDES permit. District signatory authority for all stormwater compliance documents.
Rebecca Eastman	District Stormwater Coordinator <b>(DSWC)</b>	(760) 872-0643	rebecca_eastman@dot.ca.gov	Primary contact for all stormwater issues within District 9 and Liaison to HQ.
Matthew Goike	Environmental Engineer Stormwater Coordinator <b>(EESWC)</b>	(760) 872-0714	matthew_goike@dot.ca.gov	Primary contact for Environmental stormwater related issues and Liaison to RWQCB & stakeholders.
Ron Kaiser	Maintenance Stormwater Coordinator <b>(MSWC)</b>	(760) 937-8951	ronald_kaiser@dot.ca.gov	Primary contact for Maintenance stormwater related issues.

**Table 2-1: District 9 Stormwater Personnel and Responsibilities**

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Rob Sanchez	Construction Stormwater Coordinator ( <b>CSWC</b> )		rob.sanchez@dot.ca.gov	Primary contact for Construction stormwater related issues.
Ron Chegwiddden	Design Stormwater Coordinator ( <b>DESWC</b> )	(760) 872-0764	ron_chegwiddden@dot.ca.gov	Primary contact for Design stormwater related issues.
Kurt Weiermann	Encroachment Permits Stormwater Coordinator ( <b>EPSWC</b> )	(760) 872-0781	kurt_weiermann@dot.ca.gov	Primary contact for Encroachment Permit related stormwater issues.
Jim Hibbert	Landscape Architecture Stormwater Coordinator ( <b>LASWC</b> )	(760) 872-0783	Jim_hibbert@dot.ca.gov	Primary contact for Landscape Architecture related stormwater issues.
Brian Wesling	Hydraulics Stormwater Coordinator ( <b>HSWC</b> )	(760) 872- 0630	brian.wesling@dot.ca.gov	Primary contact for Hydraulics related stormwater issues.

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

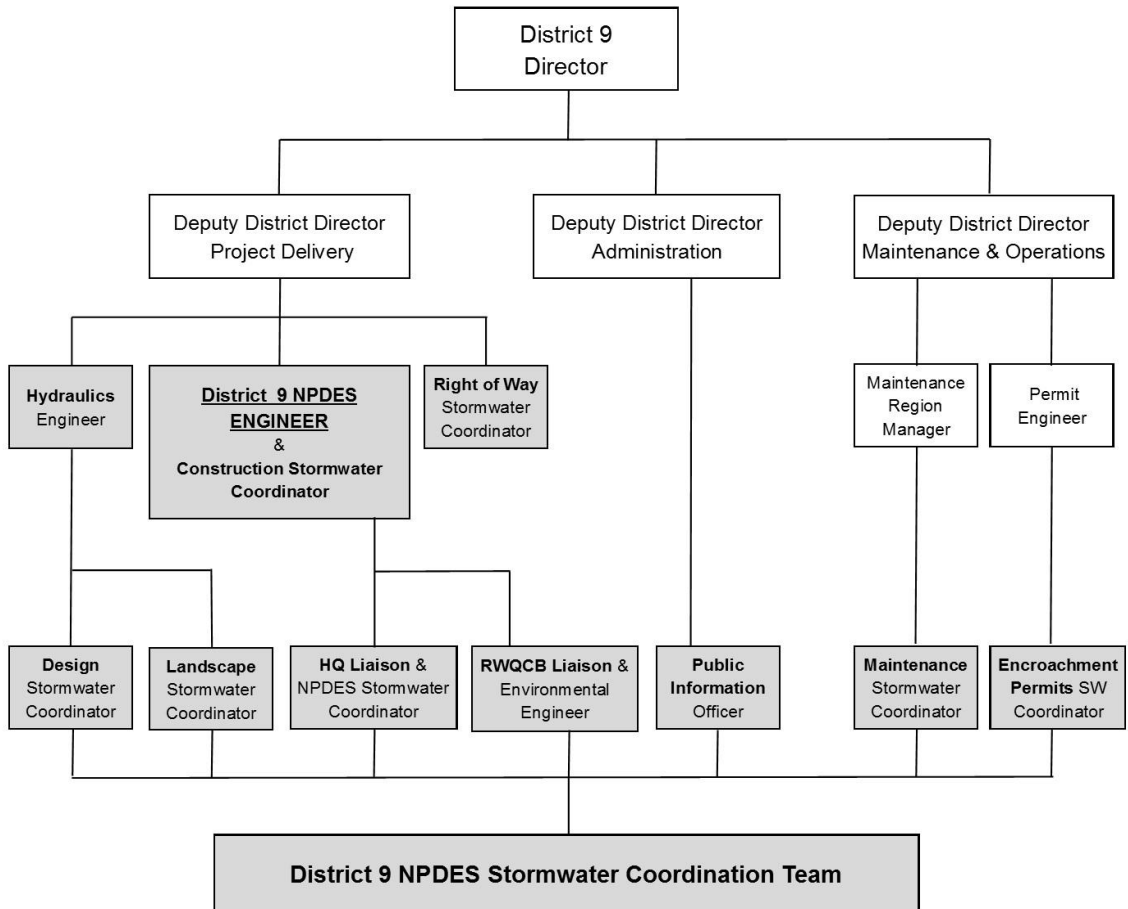
**Table 2-2: District 9 Signatory Authority for Key Documents**

<b>Position or Individual</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Documents Authorized for Signatures</b>
District Director	(760) 872-0602	Brent_green@dot.ca.gov	All District Documents
NPDES ( <b>DSWE</b> ), Deputy District Directors for: Maintenance and Operations; Program/Project Management; District 9 Project Delivery Office Chief	(760) 872-0656	rob.sanchez@dot.ca.gov	All District Documents except District Work Plan
Deputy District Directors, Project Engineer	various	various	All District Documents except District Work Plan
Construction Stormwater Coordinator ( <b>CSWC</b> )	(760) 872-0656	rob.sanchez@dot.ca.gov	SWPPP, Notice of Intent (NOI), Notice of Termination (NOT), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Stormwater Coordinator ( <b>MSWC</b> )	(760) 937-8951	ronald_kaiser@dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/ID, and Facility Pollution Prevention Plans (FPPP)
Encroachment Permits Stormwater Coordinator ( <b>EPSWC</b> )	(760) 872-0781	kurt_weiermann@dot.ca.gov	SWPPPs, NOI/NOT, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Resident Engineer, Project Engineer, Environmental Engineer Stormwater Coordinator & Hazardous Waste Coordinator ( <b>EESWC</b> )	Various; (760) 872-0714	Various; matthew_goike@dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Environmental Engineer Stormwater and Hazardous Waste Coordinator ( <b>EESWC</b> )	(760) 872-0714	matthew_goike@dot.ca.gov	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT
Project Engineer, Resident Engineer, Environmental Engineer Stormwater Coordinator, Project Delivery Office Chief	various	various	SWPPPs, NOI/NOT, 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 positions with responsibilities for stormwater operations within the District.



*Figure 2-1: District 9 Organizational Chart*



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

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

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## 4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

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

When planning projects within these defined areas, District 9 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 9 is presented in Table 4-1.

*Table 4-1: District 9 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 158, PM 2.3 – 14.4	Mono	6	June Lake System	Used as a domestic water supply during peak use periods only. Accidental spills could potentially impact the drinking water resource before a response could be initiated.	An evaluation of appropriate and cost effective BMPs used during projects will be considered as required.

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## 5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 9 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 9's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

*Table 5-1: District 9 Inventory of Road Segments Prone to Erosion*

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
SR 190 PM 82.00-84.00	Inyo	6	Amargosa River	N/A
SR 190 PM 18.0-18.1	Inyo	6	Lower Centennial Flat	N/A
SR 58 R86.0-R87.0	Kern	5	Arvin-Wheeler Ridge	N/A
SR 120 PM 3.487-8.500	Mono	6	Lundy Canyon	N/A
SR 182 PM 4.5-5.5	Mono	6	East Walker	N/A
U.S. 395 PM 89.0-90.0	Mono	6	Little Walker River	Fall 2018

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 9 in 2016, including rock cut slopes, landslides, and moderate soil erosion.

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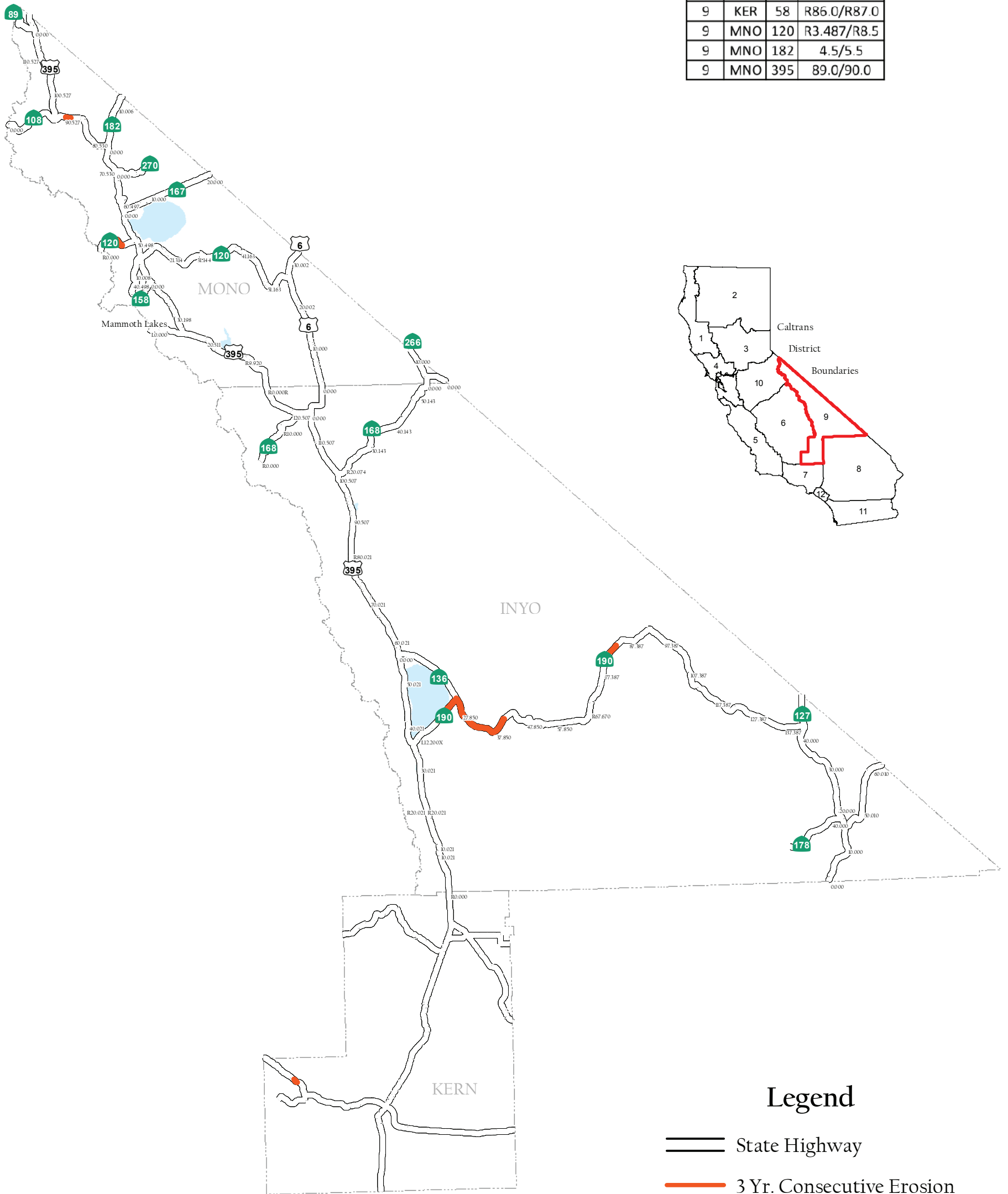


# Figure 5-1: District 9

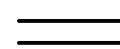



## California State Highway System 2016 Areas Prone to Erosion

Areas Prone to Erosion

DIST	CO	RTE	PM
9	INY	190	18.0/18.1
9	INY	190	82.0/84.0
9	KER	58	R86.0/R87.0
9	MNO	120	R3.487/R8.5
9	MNO	182	4.5/5.5
9	MNO	395	89.0/90.0



### Legend

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

**NOTE:**

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

**MAP INFORMATION**

Projection: Albers Meters NAD 83  
Project Location: f:\gis\2016\_Erosion\_District09.mxd



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## 6 Implementation

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

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

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

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

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 9 Anticipated Project Development and Construction Schedule

No.	EA	Project Location				Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM											RB <sup>1</sup>	PA&ED Date	PS&E Date	Start Date
1	09-21340	INY	395	29.2	41.8		Olancha Cartago Construct 4-lane expressway	Owen's Dry Lake	N	None	297.0	64.0	21.5%	SWPPP	None	10/1/16	2/1/19	8/1/20	8/1/22
2	09-35750	INY	127	22.7	31.5	6	Amargosa Culverts Replacement/Upgrade	Amargosa River-303(d)	N	401	0.62	0.37	32.43%	WPCP	E	9/1/15	10/3/16	8/1/17	10/24/17
3	09-34940	MNO	395	88.4	91.6	6	Aspen Fales Shoulder widening	Fales Hot Springs; Hot Creek	N	None	13.4	5.0	37.3%	SWPPP	TBD	5/1/17	10/1/2017	5/2/2019	11/27/19
4	09-35080	MNO	395	80.6	84.1	6	Sheep Ranch Shoulders Widen shoulders and flatten side slopes	Swauger Creek-	Y	401,404, 1602	17.2	5.0	29%	SWPPP	None	1/14/15	8/31/16	6/1/17 6/1/18	2 seasons 9/1/17 9/1/18
5	09-35210	INY	168 395	17.4 114.9	18.3 116.5	6	Bishop ADA Upgrades Upgrade PED facilities	N/A	N	None	0.0	< 0.1	N/A	WPCP	None	1/30/15	2/1/17	12/1/17	12/1/2018
6	09-35250	INY	395	73.8	73.8	6	Indy HMS Construct Equipment Canopy	N/A	N	None	0.0	0.0	N/A	EW	None	2/25/15	10/21/16	1/31/17	11/10/17
7	09-36480	MNO	203	R4.8	R5.1	6	TML North Main improve construct sidewalks & replace retaining walls	N/A	N	None	0.99	0.75	76%	WPCP	E	2/25/16	3/1/16	8/15/16	9/30/17
8	09-36580	INY	395	77.4	91.6	6	SB Black Rock CAPM Pavement interlayer and double chip seal	N/A	N	None	0.0	0.0	N/A	SWPPP	E	9/30/15	8/7/17	4/1/18	11/8/18
9	09-35320	INY	190	69.2	69.6	6	Towne Pass Curve Correction	Dry wash	N	None	6.8	0.9	80.35%	SWPPP	None	1/3/17	9/1/17	1/3/19	1/3/20
10	09-36590	INY INY	395 136	54.6 0.0	57.4 0.11	6	South Lone Pine CAPM Overlay of existing pavement	N/A	N	None	0.0	0.0	N/A	SWPPP	E	9/29/17	2/1/18	8/23/18	12/3/18
11	09-35610	MNO	395	34.1	34.1	6	Crestview HMS Construct truck shed & water suppression tank	N/A	N	WDR	0.0	0.0	N/A	WPCP	E	10/31/12	9/21/15	12/1/16 Winter suspension	12/1/17
12	09-36420	MNO	395	63.4	63.7	6	Virginia Lakes Turn Pocket & Cinder Shed DW	N/A	N	None	2.6	0.80	22.3%	EW	None	12/1/16	1/1/17	7/1/17	10/13/17

<sup>1</sup> Regional Board

<sup>2</sup> Supplemental Environmental Projects designated as "SEP."

<sup>3</sup> Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.

<sup>4</sup> Water bodies with designation for 303(d) designation are noted in parentheses.

<sup>5</sup> If yes, a 401 permit will be required for this project. NA = Not Available at this time.

<sup>6</sup> Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>7</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>8</sup> A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

<sup>9</sup> Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

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

Table 6-2 lists the planned maintenance projects that will disturb soil.

**Table 6-2: District 9 Anticipated Significant Road Maintenance Activities**

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected <sup>10</sup>	Other Regional Water Board Permits Required <sup>11</sup>	Potential and Actual Impacts of Project's Discharge <sup>12</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) <sup>13</sup>	Post-Construction Treatment Control Type, Quantity <sup>14</sup>	Start Date	Completion Date
1	Kern	395, 14, 178, 58, 202	VAR	VAR	5 & 6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations.	none	TBD	TBD	TBD	TBD	TBD	TBD	TBD	07/1/18	6/30/18
2	Inyo	395,6,168,136,190, 127,178	VAR	VAR	6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations.	none	TBD	TBD	TBD	TBD	TBD	TBD	TBD	07/1/18	6/30/18
3	Mono	395,89, 108,182, 270,167, 120,203, 158,6,266	VAR	VAR	6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal, slide removal, winter operations.	June Lake/ SR 158	TBD	TBD	TBD	TBD	TBD	TBD	TBD	07/1/18	6/30/18

<sup>10</sup> Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW."

<sup>11</sup> Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>12</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>13</sup> A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.

<sup>14</sup> Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

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



Table 6-3 lists the District’s planned monitoring activities.

**Table 6-3: District 9 Monitoring Activities**

<b>Statewide Monitoring Program Activities</b>
<ul style="list-style-type: none"> <li>• The District will notify the municipalities via written correspondence of any illegal connections or discharges (IC/ID) discovered within the District right-of-way and associated with a municipality’s jurisdiction.</li> <li>• The District will discuss and be open to any possible opportunities to participate in public outreach programs sponsored by the municipalities.</li> <li>• The District will coordinate with Inyo County, Kern County, Mono County, San Bernardino County, the local resource agencies, and local Native American tribes throughout all phases of Caltrans’ projects.</li> <li>• The District will address stormwater concerns and related projects located within the cities of Bishop, Mammoth Lakes, Ridgecrest, California City, Tehachapi, and the Community Service Districts of the District’s unincorporated towns with their input and assistance.</li> <li>• The District will disseminate Caltrans’ stormwater concerns to proponents of local developments through the Intergovernmental Review/CEQA process and the Encroachment Permit process.</li> <li>• The District will coordinate with the Lahontan and Central Valley RWQCBs via the submittal of the District Work Plan, which includes a list of the District’s upcoming activities for the fiscal year.</li> <li>• The District will coordinate with Death Valley National Park semi-annually to discuss project-related matters that often include stormwater projects.</li> </ul>
<p><b>ASBS Core Monitoring Sites</b></p> <ul style="list-style-type: none"> <li>• Monitoring activities will be conducted in accordance with the Statewide Monitoring Program on an as-needed basis.</li> <li>• The District will continue to monitor the stormwater outflow at Lee Vining Maintenance Station.</li> <li>• Construction activities are inspected through the Construction Compliance Monitoring Program and the monitoring results will be provided in the annual report.</li> </ul>
<p><b>ASBS Ocean Receiving Water and Reference Monitoring Sites</b></p> <ul style="list-style-type: none"> <li>• <i>N/A</i></li> </ul>

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## **7 Region-Specific Activities**

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Section 7 of the DWP identifies the applicable region-specific activities that District 9 has planned for the fiscal year 2017-18 to comply with Attachment V of the Conformed NPDES Permit.

### **Lahontan Region**

#### **Vegetation Removal or Existing Ground Surface Disturbance Prohibition**

District 9 will comply with the vegetation removal or existing ground surface disturbance prohibition requirements within the Lahontan Region as described in the Conformed NPDES Permit.

#### **Project Review Requirements**

District 9 will comply with the project review requirements within the Lahontan Region as described in the Conformed NPDES Permit.

### **Central Valley Region**

The RWQCB has not notified District 9 of region-specific requirements for this District as identified in the Conformed NPDES Permit.

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