

**California Department of Transportation
Stormwater Management Program
District 11 Work Plan**

Fiscal Year

2014–2015

CTSW-RT-13-286.12.2



California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
4050 Taylor Street, San Diego, California 92110

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

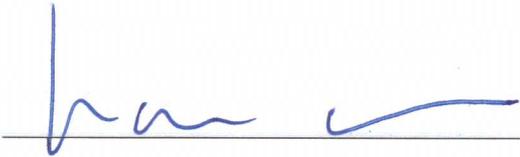
October 1, 2013



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**California Department of Transportation
District 11 Certification
District Work Plan 2014-15**

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



Laurie Berman

District 11

8/13/13

Date

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 11**

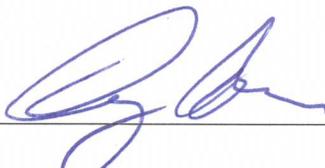
APPROVAL

District Work Plan 2014/2015

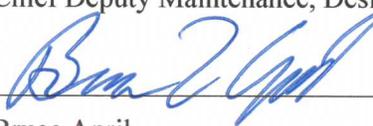
California Regional Water Quality Control Board

San Diego Region 9 and Colorado River Basin Region 7

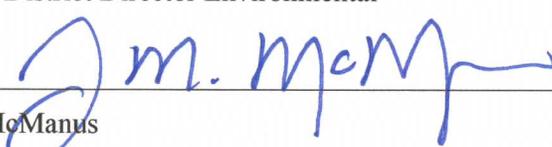
October 1, 2013


Cory Binns 8/12/13
Date

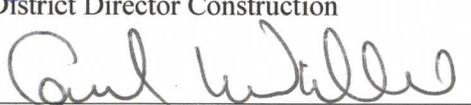
Chief Deputy Maintenance, Design, Traffic Operations, Engineering and Surveys


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Date

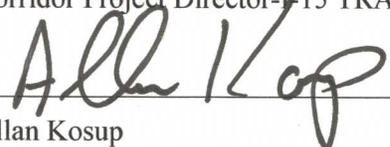
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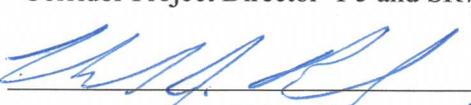
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Gustavo Dallarda 8-12-13
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Corridor Project Director-I-15 TRANSNET, I-805 and SR-52


Allan Kosup 8/12/13
Date

Corridor Project Director- I-5 and SR76


Mario Orso *For Mario Orso* 8/12/13
Date

Corridor Project Director- Trade Corridor

Table of Contents

1	Introduction	1-1
2	District Personnel and Responsibilities	2-1
3	District Facilities and Water Bodies	3-1
4	Drinking Water Reservoirs and Recharge Facilities.....	4-1
5	Slopes Prone to Erosion	5-1
6	Implementation.....	6-1
7	Region-Specific Activities	7-1

Figures

Figure 2-1: District 11 Organizational Chart	2-7
Figure 5-1: District 11 California State Highway System 2013 Areas Prone to Erosion	5-3

Tables

Table 2-1: District 11 Stormwater Personnel and Responsibilities.....	2-4
Table 2-2: District 11 Signatory Authority for Key Documents.....	2-4
Table 4-1: District 11 Drinking Water Reservoirs and Recharge Facilities	4-1
Table 5-1: District 11 Inventory of Road Segments Prone to Erosion.....	5-1
Table 6-1: District 11 Anticipated Project Development and Construction Schedule.....	6-3
Table 6-2: District 11 Anticipated Maintenance Activities and Other Management Practices	6-7
Table 6-3: District 11 General Management Practices	6-9
Table 7-1: District 11 TMDL Activities	7-3

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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 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 11's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2014-2015. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

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

District Goals and Commitments

The National Pollutant Discharge Elimination System (NPDES) Unit is working with the Geographic Information System (GIS) functional unit to develop and operate a GIS-based Treatment BMP log application for internal Caltrans use. The application will be developed and ultimately include specific location and watershed information, treatment BMP as-builts, individual photographs of each BMP and other water quality related design features.

In addition, the District will be modifying its Treatment BMP summary (attached to the Project's Storm Water Data Report [SWDR] at Plans, Specifications, and Estimate [PS&E]) to include additional information for the Annual Report, such as acreage of new pavement, percentage of new pavement to existing, construction controls and other specifics required under the DWP.

During the 2014 fiscal year, the construction office at Kearny Mesa will undergo construction and the staff will be temporarily relocated to other offices. The construction stormwater staff will be temporarily located on the same floor as the NPDES unit at the District Office. The two units will directly coordinate and collaborate among the two units to increase awareness of specific issues being faced and how to resolve them jointly. Moreover, the District will have all construction projects in the Storm Water Multiple Application and Report Tracking System (SMARTS) as required under the NPDES Permit.

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2 District Personnel and Responsibilities

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

District NPDES Stormwater Branch Chief

The NPDES Program Branch Chief is a senior level position in charge of all stormwater activities in the District. The Branch Chief is responsible for establishing an effective stormwater program and maintaining open communication with Headquarters, District management and legal staff. The Branch Chief provides support, direction, and guidance to the District Coordinators and the Route Managers. The NPDES Program Manager supervises staff (Route Managers), which supports the District NPDES Program. The responsibilities of the District Stormwater Branch Chief include:

- Directing District operations regarding stormwater.
- Ensuring District efforts achieve compliance with the NPDES permit.
- Acting as the District signatory authority for all compliance documents and commitments regarding stormwater.
- Acting as the District's contact person between the District and municipalities in regards to stormwater issues.
- Ensuring accuracy and adequacy of the stormwater workload allocations for each fiscal year.
- Acting as the contact person between the District and the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other regulatory agencies regarding stormwater.
- Actively coordinating involvement in municipal coordination with other municipal stormwater co-permittees (municipalities, TMDL stakeholders and other regulated entities).
- Proposing, developing, and managing stormwater monitoring programs, in coordination with Headquarters Division of Environmental Analysis, Stormwater Program.
- 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 Permit, SWMP, and DWP are implemented properly.
- Representing the District at the Stormwater Advisory Teams (SWATs) identified in the SWMP.
- Assisting in development of stormwater training programs.
- Coordinating enforcement between Route Managers, Maintenance Stormwater Coordinator and Construction Stormwater Coordinator for Illicit Connections/Illegal Discharges.

NPDES Route Manager

Under the general direction of the District NPDES Stormwater Branch Chief, the Route Managers are engineers and/or landscape architects responsible for ensuring compliance with the District stormwater quality policies. The specific stormwater tasks for which the Route Managers are responsible include the following:

- Reviewing adequacy of Stormwater Data Reports for all District projects as required by the Project Planning and Design Guide.

- Working participant in preparation of contract specifications and estimates to address development of Stormwater Pollution Prevention Plans (SWPPPs) and Water Pollution Control Programs (WPCPs).
- Working participant in preparation of contract PS&E to address Construction, Pollution Prevention and Treatment BMPs.
- Preparing or aiding in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Ensuring adequate preparation of the Notification of Construction and other RWQCB notifications as required by the Permit.
- Overseeing activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Reviewing of encroachment permit applications to ensure compliance with stormwater requirements.

Environmental Liaison

The specific tasks of the Environmental Liaison include the following:

- Assisting field staff overseeing construction activities with environmental permits, regulations and or conditions to ensure the environmental requirements are complied with and thoroughly documented.
- Active participant in the preparation of project-specific Environmental Commitment Records. Moreover, ensures commitments are complied with as project progresses in construction.

Construction Stormwater Coordinator

Under the general direction of the Division of Construction Deputy, the Construction Stormwater Coordinator (CSWC) is responsible for developing stormwater quality policies and guidance, and daily management of Construction's stormwater quality program. The CSWC is responsible for the proper implementation of the SWMP and the DWP within Construction. The specific tasks for which the CSWC will be responsible include:

- Working as the primary point of contact for stormwater issues during the construction phase.
- Reviewing SWPPPs and WPCPs.
- Conducting final project closeout inspections to ensure compliance with the Notice of Completion of Construction (NOCCs) submittals.
- Conducting or assisting with stormwater BMP related inspections.
- Submitting approved SWPPPs and other reports to the RWQCBs as requested.
- Providing oversight inspections for Construction projects, particularly tracking and implementing SMARTS requirements.
- Preparing and submitting Notices of Non-Compliance (NONCs).
- Preparing and submitting Illicit Connection/Illegal Discharge (IC/ID) Reports for Construction projects to the District NPDES Branch Chief.
- Representing Construction in the SWAT Meetings.
- Providing input to the Annual Report.
- Developing and administering stormwater training for Construction staff.
- Ensuring that all enforcement actions or corrections requested by the Regional Boards are promptly implemented and documented.

- Serving as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff.
- Supporting the design-related functional units in determining specific project needs and evaluation of water pollution control measures in the field.
- Reviewing Stormwater Data Reports to ensure compliance with construction requirements.

Maintenance Stormwater Coordinator

The Maintenance Stormwater Coordinator is responsible for communicating with Maintenance management and staff level regarding the proper implementation of maintenance related sections of the SWMP and DWP. The specific storm water tasks for which the Maintenance Stormwater Coordinator is responsible include the following:

- Overseeing implementation of proper maintenance BMPs when conducting maintenance activities to ensure compliance with Stormwater Permit and SWMP.
- Conducting Facility Pollution Prevention Plan (FPPP) inspections and preparing reports.
- District representative to the Maintenance SWAT.
- Reviewing District projects to ensure maintainability of stormwater measures upon completion of construction.
- Coordinating all stormwater training for Maintenance Personnel.
- Point of contact for Maintenance related activities with regulatory agencies.
- Preparing and submitting Illicit Connection/ Illegal Discharge Reports to the District NPDES Branch Chief.
- Reviewing and providing comments on Stormwater Data Reports to ensure compliance with Maintenance requirements.
- Overseeing implementation of drain inlet inspection and cleaning on an annual basis.

Public Affairs Coordinator

The specific tasks of the Public Affairs Coordinator include the following:

- Coordinating Public Education Program “Don’t Trash California.”
- Providing input to the Annual Report regarding participating events.

Erosion Control Coordinator

The specific tasks of the Erosion Control Coordinator include the following:

- Coordinating all erosion control seed mixes for projects ready to PS&E.
- Point of contact for Construction and Maintenance related to erosion control issues.

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

Table 2-1: District 11 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Constantine (Con) Kontaxis	NPDES Branch Chief	(619) 688-3626	constantine.kontaxis@dot.ca.gov	Direct District operations for stormwater management. Ensure District efforts achieve compliance with the NPDES permit. District signatory authority for all compliance documents regarding stormwater, except Construction General Permit (CGP) documents.
Antonio Araullo	Route Managers	(619) 688-6436	antonio.araullo@dot.ca.gov	Review adequacy of all SWDRs. Prepare and/or review NPDES Standard Special Provision (SSP) recommendation and estimates to address BMPs in SWPPPs and WPCPs. Review encroachment permit applications to ensure compliance with stormwater requirements.
Ken Johansson		(619) 688-6763	ken.johansson@dot.ca.gov	
Vacant		(619) 688-0118	-	
Roya Yazdanifard		(619) 688-4255	roya.yazdanifard@dot.ca.gov	
Danielle Zhang		(619) 688-3645	danielle.zhang@dot.ca.gov	

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 11 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
District Director	(619) 688-6668	laurie.berman@dot.ca.gov	All District Documents, Legally Responsible Person (LRP) for CGP
Chief Deputy Maintenance, Design, Traffic Operations, Engineering and Surveys	(619) 688-3305	cory.binns@dot.ca.gov	All District Documents
Deputy District Director - Construction	(619) 688-3305	mike.mcmanus@dot.ca.gov	Back-up LRP for CGP (SMARTS/Permit Registration Documents [PRDs]), Dewatering Permit Application
Deputy District Director - Environmental	(619) 688-0100	bruce.april@dot.ca.gov	Assigned signatory for CGP SMARTS – District 11 Mitigation Sites
NPDES Branch Chief	(619) 688-3626	constantine.kontaxis@dot.ca.gov	All District Documents except District Work Plan and SMARTS related documents
Construction SW Coordinator	(858) 467-4089	chuck.deyoe@dot.ca.gov	SWPPP, NOC/ NCC, Notice and Report of Non-Compliance, Report of IC/ID
Maintenance SW Coordinator	(619) 688-3329	terry.kloepfer@dot.ca.gov	Notice and Report of Non-Compliance, Report of IC/ID, FPPPs
Construction Engineer	Various	Various	SWPPPs, NOC/NCC, Notice of Non-Compliance, IC/ID, Dewatering Permit, Assigned Signatories for CGP PRDs

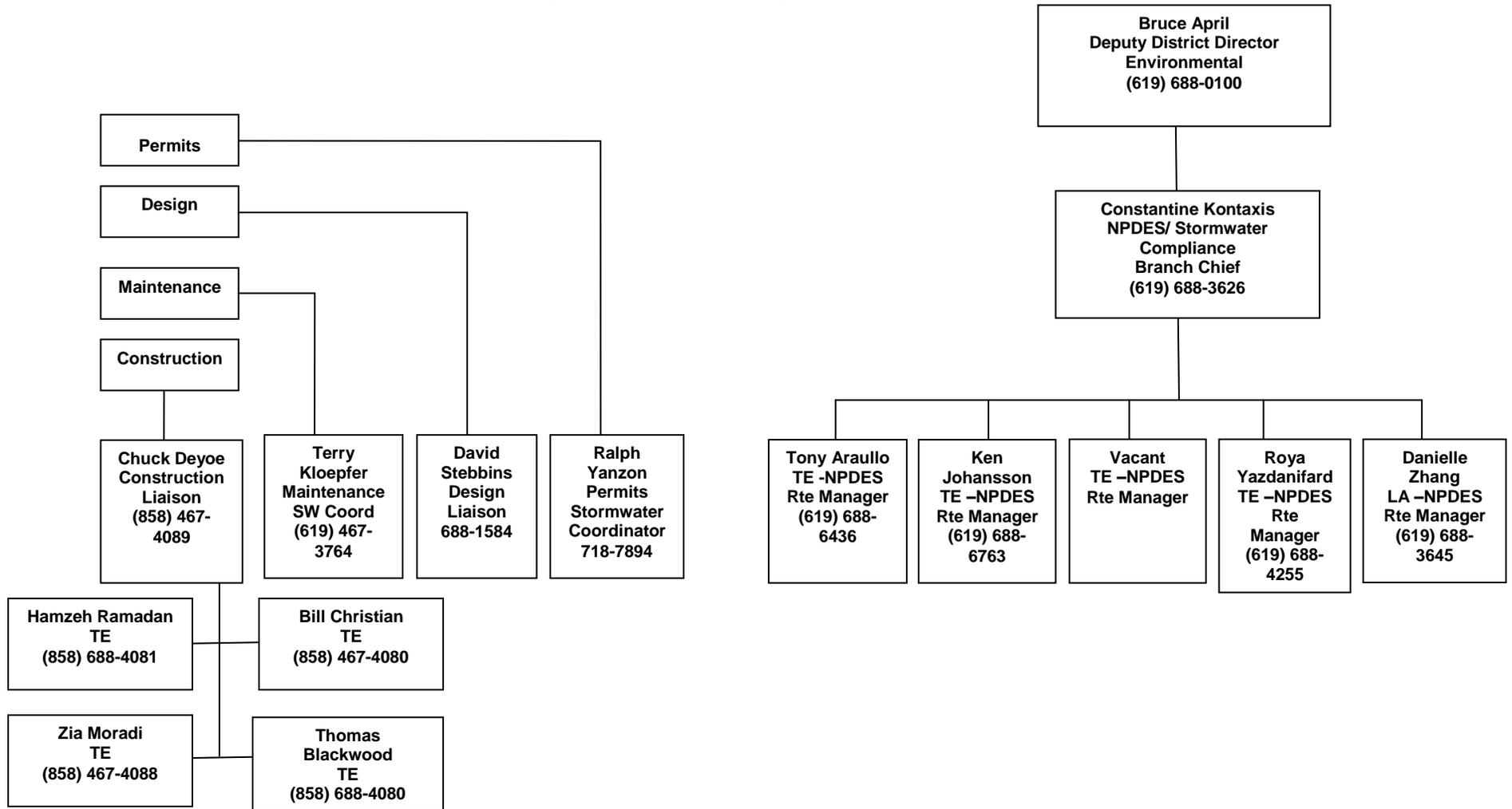
Table 2-2: District 11 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Resident Engineers	Various	Various	SWPPPs, NOC/NCC, Notice of Non-Compliance, IC/ID, Dewatering Permit, Assigned Signatories for CGP PRDs
Route Managers	(619) 688-6436	antonio.araullo@dot.ca.gov	SWDRs, NPDES SSP recommendation preparation, 11-page estimates, log-ins, Water Quality Reports, Notice of soil reuse with Aerially Deposited Lead (ADL)
	(619) 688-6763	ken.johansson@dot.ca.gov	
	(619) 688-0118	Vacant	
	(619) 688-4255	roya.yazdanifard@dot.ca.gov	
	(619) 688-3645	danielle.zhang@dot.ca.gov	

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 11 Organizational Chart



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3 District Facilities and Water Bodies

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

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4 Drinking Water Reservoirs and Recharge Facilities

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

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

When planning projects within these defined areas, District 11 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.

A list of drinking water reservoirs and recharge facilities within District 11 is presented in Table 4-1.

Table 4-1: District 11 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
I-15 PM	San Diego	9	Lake Hodges	Domestic Water Supply	-

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5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 11 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 11’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 11 Inventory of Road Segments Prone to Erosion

County	Route	Post Mile Range Start	Post Mile Range End	Regional Board	Watershed	Scheduled Stabilization Date
IMP	78	13.190	79.739	7	Salton Sea/Colorado River	TBD
SD	78	69.931	72.968	7	Salton Sea	TBD
SD	76	43.045	44.038	9	San Luis Rey River	TBD

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 11 in 2013, including rock cut slopes, landslides, and moderate soil erosion.

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Figure 5-1: District 11

2013 Areas Prone to Erosion

NOTE:

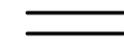
Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

MAP INFORMATION

Projection: Albers Meters NAD 83
Project Location: f:\gis\2013_Erosion_District11.mxd

Areas Prone to Erosion				
DIST	CO	ROUTE	PM1	PM2
11	IMP	078	13.190	79.739
11	SD	078	69.931	72.968
11	SD	076	43.045	44.038

Legend

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



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6 Implementation

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

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

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

1. Location (county, route and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies
6. Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (Clean Water Act [CWA]-401) activities within the project
11. Other Regional Water 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 activities involving water bodies that may require action by the RWQCB under Section 401 of the CWA. Information associated with the activities includes location, affected water body, and area of disturbance. In addition, this section also describes the planned activities associated with municipal coordination, stormwater monitoring, and public education within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 11 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	Other Regional Water Board Permits Required ⁵	Potential and Actual Impacts of Project's Discharge ⁶	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) ⁷	Post-Construction Treatment Control Type, Quantity ⁸	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	177900	SD	5	32.9	33.4	9	Construct Direct Freeway to Freeway Connectors	Carmel Valley Creek, Penasquitos	-	-	-	30-90.7	-	-	SWPPP	Extended Detention Basins	3/17/2014	11/21/2018	4/25/2019	10/1/2021
2	235800	SD	5	34.1	54.6	9	Construct HOV/General Purpose Lanes	Carmel Valley Creek, San Elijo, Buen Vista, Agua Hedionda, Batiquitos, Penasquitos	Yes	-	-	1060	214	-	SWPPP	Bioswales (63)	8/16/2014	-	-	-
3	2T1711	SD	5	37.5	51.4	9	Construct 1 HOV Lane In SB & NB Directions	San Elijo	No	-	-	-	-	-	-	C	-	7/6/2015	3/1/2016	5/10/2018
4	2T1721	SD	5	37.5	39.6	9	Replace Bridge, Build Ret Walls NB & SB Ramps and Reconfigure Manchester Ave	San Elijo Lagoon	Yes	-	-	-	-	-	-	C	-	1/1/2015	1/28/2016	12/10/2017
5	28800k	SD	5	R12.6	R20.8	9	Construct HOV/Aux Lanes & Freeway Connector	Chollas Creek, San Diego Bay, Switzer	No	-	-	-	-	-	-	C	-	-	-	2/15/2014
6	002700	SD	5	R19.9	R21.2	9	Construct Auxiliary Lanes/ Widen Connector	Tecolote Creek	No	None	-	1.9	.078	-	SWPPP	1 Bioswale	3/11/2011	5/16/2013	2/18/2013	8/26/15
7	24310k	SD	5	R20.1	R30.6	9	Construct HOV/Gen Purpose/Aux Lanes	San Diego River, Peñasquitos Creek, Soledad Canyon	No	-	-	-	-	-	-	C	-	-	-	9/18/2016
8	0223u0	SD	5	R29.1	R30.5	9	Replace Bridge, Reconstruct Interchange, Add Aux Lanes And Bike Facility	Soledad Canyon Creek	Yes	None	None	58	15.1	15.1/53.23	SWPPP	3 Bioswales, (1 Bioretention City Of SD ROW)	6/30/2011	5/9/2012	1/15/2014	10/30/2017
9	065000	SD	5	R29.3	R30.5	9	Const Auxiliary Lane S/B (Genessee II)	Soledad Canyon Creek	No	-	-	-	-	-	-	7 Bioswales	5/30/2011	5/9/2012	11/27/2013	9/15/2016
10	263400	SD	5	R41.3	R41.7	9	Encinitas Blvd I/C Improvement	Cottonwood Creek	Yes	-	-	26	6.8	6.8/29.4	SWPPP	7 Bioswales, 1 EDB	4/24/2014	7/25/2015	1/6/2016	5/27/2017
11	406800	SD	8	L1.1	L1.5	9	Widen Exit Ramp	San Diego River	-	-	-	-	-	-	-	C- City Of SD Project	6/4/2013	4/26/2014	1/14/2015	2/27/2016

¹ Supplemental Environmental Projects designated as "SEP."

² Projects adjacent to Drinking Water Reservoirs or Groundwater 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 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.

⁶ 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.

⁷ 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.

⁸ Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 11 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	Other Regional Water Board Permits Required ⁵	Potential and Actual Impacts of Project's Discharge ⁶	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) ⁷	Post-Construction Treatment Control Type, Quantity ⁸	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
12	56341	SD	11	2.4	2.4	9	Construct Land Port Of Entry	Tijuana River	No	-	-	-	-	-	C	3/29/2012	3/21/2014	7/24/2014	11/11/2015	
13	56300	SD	11	0	2.7	9	Construct 4-Lane Freeway	Tijuana River	Yes	-	-	265	-	-	SWPPP	8 Bioswales	10/3/2008	-	-	-
14	56321	SD	11	0	1.6	9	Construct Freeway To Freeway Connectors	Tijuana River	No	None	None	135	30	30/30	SWPPP	Detention Basin, Bioswale	7/1/2011	12/2/2012	12/30/2013	3/30/2016
15	56331	SD	11	0	2.8	9	Construct New 4 Lane highway and Commercial Vehicle Enforcement Facility	Tijuana River	Yes	-	-	-	-	-	-	C	-	2/3/2014	1/17/2012	1/5/2014
16	282400	SD	15	0	4.7	9	Construct Sand Filters And Infiltration Devices	Chollas Creek	No	None	None	4.7	0	0	SWPPP	4 Infiltration Trenches, 1 Sand Filter And 3 Bioswales	6/6/2012	3/20/2013	2/1/2014	1/2/2015
17	2T1901	SD	15	5.6	R6.0	9	Construct Commuter Bike Facility	San Diego River	No	-	-	3	1.7	-	SWPPP	C	6/28/2012	-	5/1/2014	12/14/2016
18	2T1201	SD	15	M11.9	R31.5	9	BRT Stations on the Managed Lanes (Oversight Project.)	Lake Hodges	No	None	-	2.3	0.42	8	SWPPP	Exempt	-	-	11/24/2012	11/1/2014
19	2T0954	SD	15	M15	M16.4	9	Construct DAR and Transit Station	Carroll Canyon Creek	No	None	None	9	3.02	26	SWPPP	Catch Basin Inserts, 3 Bioretention Units	3/27/2009	11/14/2011	7/4/2012	7/6/2015
20	2T1301	SD	15	R3.8	R6.0	9	BRT Stations On Managed Lanes (Oversight Project)	Chollas Creek, San Diego River	No	-	-	1.1 to 8.7	0.5 to 6.9	-	SWPPP	1 Sand Filter, 2 Bioswales	7/20/2011	12/17/2013	3/17/15	2/20/2016
21	28700k	SD	67	5.4	21.4	9	Widen to 4 lanes	San Diego River, Poway Creek, Rattlesnake Creek	Yes	-	-	250	63	-	SWPPP	C	-	-	-	-
22	414900	SD	67	21.9	21	9	Traffic Operation/Improve Intersection	San Vicente, San Diego River	No	-	-	-	4.78	-	SWPPP	1 Bioswale	6/9/2013	7/3/2014	12/26/2014	12/10/2015
23	246400	SD	67	R.7	R1.5	9	Modify Existing Interchange	Forrester Creek	Yes	-	-	10.4	-	-	SWPPP	1 EDB - Co of SD ROW	11/10/2008	1/25/2015	12/1/2015	12/26/2016
24	257151	SD	76	12.1	R17.7	9	Construct 4 Lane Highway	San Luis Rey	Yes	Dewatering Permit	-	-	-	-	SWPPP	Detention Basin, Bioswales, Porous Pavement @ MVP	1/9/2012	2/1/2013	5/8/2009	9/21/2013
25	273404	SD	76	23.1	23.5	9	Bridge Replacement	Pala Creek and San Luis Rey River	Yes	-	-	1.845	0.57	-	-	Exempt	6/30/2009	2/5/2010	3/28/2011	12/9/2013
26	257144	SD	76	R16.7	R17.7	9	Modify And Widen Interchange	San Luis Rey	No	-	-	52	10.92	44.7	SWPPP	11 Bioswales, Porous Pavement (5 MVPs)	1/9/2012	1/30/2012	11/1/2012	9/5/2014
27	29880k	SD	78	1.3	1.7	9	Widen Existing Bridge	Buena Vista Creek	No	None	None	0.25-.63	0.33	-	WPCP	Exempt	10/30/2014	1/16/2016	12/13/2016	7/27/2017

Table 6-1: District 11 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	Other Regional Water Board Permits Required ⁵	Potential and Actual Impacts of Project's Discharge ⁶	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) ⁷	Post-Construction Treatment Control Type, Quantity ⁸	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	404504	SD	78	14.3	15.5	9	Construct Auxiliary Lanes	San Marcos Creek	No	-	-	-	-	SWPPP	Bioswale	8/6/2010	7/28/2010	2/1/2012	1/24/2017	
29	287100	SD	94	1.4	4.9	9	Construct 2 HOV/Express Lanes	Chollas Creek	-	-	-	-	-	-	C	3/19/2015	5/27/2017	5/1/2018	2/15/2021	
30	146650	SD	94	10	R11.8	9	Outside Lane Widening/Const FWY To FWY Connectors	Chollas Creek	No	-	-	-	-	SWPPP	C	5/28/2014	8/16/2016	-	6/21/2016	
31	085780	SD	163	0.6	1.4	9	Revise Interchange/Widen OC And Approach	San Diego Bay	Yes	-	-	31	10.1	-	SWPPP	1 IB, 1 Biostrip, 11 Bioswales	11/8/2010	4/3/2014	1/1/2015	9/12/2016
32	241511	SD	163	8.4	9.4	9	Interchange Reconfiguration	San Diego River	No	-	-	19	1	14.5	SWPPP	Detention Basin	3/12/2003	5/21/2013	4/16/2014	6/18/2015
33	173700	SD	805	2.6	3.2	9	Revise Interchange	Tijuana River	-	-	-	9.8-16.2	2.3-3.95	-	SWPPP	Bioswale	10/9/2014	8/9/2016	-	8/9/2018
34	2T2601	SD	805	4.4	10	9	Construct Express Lanes	Sweetwater River, Chollas Creek	Yes	-	-	375	-	-	SWPPP	51 Bioswales	6/22/2011	10/7/2014	4/28/2014	2/22/2018
35	2T1821	SD	805	4.7	5.6	9	Replace Structure & Construct Direct Access Ramps	Poggi Canyon Creek	No	None	None	31	-	-	SWPPP	2 Bioswales. Porous Pavements On Parking Lots, Biocells Outside ROW	6/22/2011	3/30/2012	4/13/2013	1/18/2015
36	2T1501	SD	805	5.1	13.5	9	Install BRT Lanes On 905, 125, 805 New Bridge, Ramp Realignment,	Sweetwater, San Diego River, Peñasquitos	No	-	-	5	-	-	SWPPP	C	3/21/2013	9/21/2013	7/23/2014	10/7/2015
37	2T2501	SD	805	9.5	10.3	9	Outside Widening	Sweetwater River, San Diego Bay	No	-	-	-	-	-	SWPPP	C	6/22/2011	10/21/2013	6/5/2014	6/25/2015
38	263901	SD	805	10	10.6	9	Revise Interchange	Sweetwater	No	None	None	1.5	0.5	-	SWPPP	Bioswale	4/17/2008	1/15/2018	6/28/2018	1/20/2019
39	2T2701	SD	805	12.6	15.9	9	Construct Freeway To Freeway Connector	-	-	-	-	-	-	-	C	6/22/2011	1/6/2015	10/21/2015	7/20/2017	
40	2T2004	SD	805	23.7	27.6	9	2 HOV, S Facing DAR At Carroll Canyon Rd	Carroll Cnyn Creek	Yes	-	-	253	-	-	SWPPP	32 Bioswales, 3 Detention Basins	12/31/2010	1/18/2012	7/1/2013	8/1/2014
41	2T2031	SD	805	25.1	25.5	9	Interchange, DAR & Nobel Drive OC With BRT & P & R	Carroll Canyon	No	-	-	-	-	-	SWPPP	C	12/31/2010	8/17/2015	7/20/2016	8/20/2018
42	2T0404	SD	805	26.5	28.9	9	Construct HOV Lanes	Carroll Cnyn, Soledad Canyon	No	Dewatering Permit	-	48	15.8	75	SWPPP	7 Bioswales	4/2/2009	8/30/2010	3/28/2011	7/8/2014
43	282501	SD	805/15/94	R10.9	R13.4	9	Construct Sand Filters And Infiltration Devices	Chollas Creek	No	None	None	6	0	0	SWPPP	Infiltration Devices, Porous Pavement	3/1/2013	3/29/2014	9/13/14	10/1/2015
44	076701	IMP	0	0	0	7	Construct Maintenance Facility	IV drains, Salton Sea	No	None	None	10	7.7	100	SWPPP	Retention Basin	6/28/2010	3/8/2013	10/13/2013	10/13/2014

Table 6-1: District 11 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	Other Regional Water Board Permits Required ⁵	Potential and Actual Impacts of Project's Discharge ⁶	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) ⁷	Post-Construction Treatment Control Type, Quantity ⁸	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board											PA&ED Date	PS&E Date	Start Date	End Date
45	028900	IMP	8	90.4	91	7	Modify Ramps and Widen Bridge	All American Canal	-	-	-	8.7	5.87	-	SWPPP	2 Detention Basins	11/13/2014	9/7/2014	1/6/2015	7/20/2016
46	263300	IMP	8	R38.7	R39.3	7	Revised Interchange	Alamo River, IID	No	None	None	11.2	3.61	50	SWPPP	Detention/retention basin	11/1/2012	5/21/2013	4/3/2014	10/1/2015
47	294201	IMP	86	1.9	2.3	7	Roadway Widening	Alamo River, IID, New River	No	None	None	3	1.9	41	SWPPP	2 Earthen swales	-	-	1/10/2015	8/17/2015
48	080231	IMP	98	32.1	32.4	7	Widen Highway	All American Canal	No	-	-	37	-	-	SWPPP	C	2/18/2009	8/16/2014	12/1/2015	5/27/2017

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

Table 6-2 lists planned maintenance activities that disturb soil and involve water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

Table 6-2: District 11 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities															
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected ⁹	Other Regional Water Board Permits Required ¹⁰	Potential and Actual Impacts of Project's Discharge ¹¹	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) ¹²	Post-Construction Treatment Control Type, Quantity ¹³	Start Date	Completion Date
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

⁹ 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.”

¹⁰ Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

¹¹ 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.

¹² 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.

¹³ 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.

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Table 6-3 lists the District’s planned general program management practices, such as monitoring activities, public education and participation, municipal coordination, including any cooperative agreements that may be in effect with local agencies.

Table 6-3: District 11 General Management Practices

Monitoring Activities						
<p>The District plans to:</p> <ul style="list-style-type: none"> • The District completed the Chollas and Rainbow TMDL related monitoring activities during fiscal year 2013-2014. A final report is being prepared and will be discussed in the Annual Report. 						
Public Education and Participation						
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue to inform the public regarding stormwater quality issues pertaining to the District's property, facilities, and activities whenever an informational table or opportunities arise. • Use project informational meetings to explain why stormwater treatment and specialized erosion control measures are being included in upcoming projects. • Discuss storm water issues with Adopt-A-Highway participants and the public at large. 						
Municipal Coordination						
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue coordination with co-permittees and on a regular basis to handle IC/ID, channel cleaning and TMDL associated monitoring. • Continue to participate in co-permittees meetings to ensure consistent water quality implementation in the region. • Notify, via written correspondence, the municipalities of any illicit discharges or connections discovered within the District right-of-way and associated with a municipality’s jurisdiction. 						
<p>The District has several cooperative agreements in effect with local agencies, including:</p>						
County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
San Diego	15	various	-	9	Bureau of Land Management, Cities of Murrieta and Temecula, Counties of San Diego and Riverside, Camp Pendleton, U.S. Navy, and Fallbrook	TMDL monitoring and implementation for Santa Margarita
San Diego	5, 15, 75, 94, 805	various	-	9	Cities of San Diego, El Cajon, and La Mesa	Chollas TMDL development and deployment
San Diego	8	various	-	9	U.S. Forest Service	Roberts Ranch gully erosion- Phase II
San Diego	78	various	-	9	Cities of San Marcos, Vista, and Escondido, San Diego RWQCB, Vallecitos Water District, County of San Diego, and other stakeholders	Lake San Marcos Participation Agreement (Pre-TMDL)

Table 6-3: District 11 General Management Practices

County	Route	Begin PM	End PM	Regional Board	Local Agency	Purpose of Agreement
San Diego	Various	Various	-	9	Cities of Carlsbad, Del Mar, El Cajon, Encinitas, Escondido, La Mesa, Lemon Grove, Oceanside, Poway, San Diego, San Marcos, Santee, Solana Beach, and Vista, the Unified Port of San Diego, County of San Diego, District 8 and District 12	Part of TMDL development, establishing numeric targets to account for natural resources for the San Diego Region
San Diego	5/805/15/56	Various	-	9	Cities of San Diego, Del Mar, Poway, County of San Diego	Los Peñasquitos Comprehensive Load Reduction Plan (CLRP) - Sediment and Bacteria
San Diego	Various	Various	-	9	Cities of Del Mar, Escondido, San Diego, Solana Beach, County of San Diego	CLRP - San Dieguito Bacteria
San Diego	Various	Various	-	9	Cities of Oceanside and Vista, County of San Diego	San Luis Rey River CLRP - Bacteria
San Diego	Various	Various	-	9	Cities of El Cajon, La Mesa, San Diego, County of San Diego	San Diego River Watershed CLRP - Bacteria
In addition, District 11 is working with San Diego MS4s in the following Water Quality Improvement Plans (WQIPs). These plans will be routinely updated as the implementation of the San Diego MS4 Permit takes place.						
Waterbody/Watershed Name		Lead Agency		Participants		
San Diego Bay		City of San Diego		Caltrans, City of San Diego, County of San Diego, US Navy, Port of San Diego, Cities of Lemon Grove and La Mesa		
San Diego River		County of San Diego		Caltrans, Cities of El Cajon, Santee, San Diego, County of San Diego		
Mission Bay		City of San Diego		Caltrans, City of San Diego		
Los Penasquitos		City of San Diego		Caltrans, Cities of San Diego, Del Mar, Poway, County of San Diego		
San Dieguito		City of San Diego		Caltrans, Cities of Del Mar, Escondido, San Diego, Solana Beach, County of San Diego		

7 Region-Specific Activities

Section 7 of the DWP describes and identifies the applicable region-specific activities that District 11 has planned for the fiscal year to address TMDLs, for which the District has been identified as a stakeholder, and other region-specific requirements from Attachment V of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) if applicable to the District.

Total Maximum Daily Loads

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

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

Table 7-1 lists TMDL compliance activities for each TMDL in District 11 for which Caltrans has been assigned a Waste Load Allocation (WLA), an implementation plan has been approved, and has a compliance deadline.

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

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

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Table 7-1: District 11 TMDL Activities

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
9	Chollas Creek Diazinon	9/11/2003	Conduct Annual workshops, Compliance with MS4 Permit and Submit Annual Reports	10/4/2010	Ongoing	Ongoing; Continuing municipal coordination	Stakeholders Annual Report submitted as part of San Diego MS4 permit which includes monitoring data
9	Chollas Creek Metals	12/18/2008	Achieve 80% WLA	12/16/2018	Ongoing effort	Ongoing effort – Monitoring completed during fiscal year 2012-2013	Treatment BMPs to be constructed fiscal year 2013 - 2014 for phase I (EA 282400) and fiscal year 2014 - 2015 for phase II (EA 282500)
9	Rainbow Creek Nutrient TMDL	3/22/2006	Achieve 20% reduction Nitrogen (N) and Phosphorus (P)	12/31/2009	Geotechnical work showed no viability for treatment BMPs, discussion with Regional Board ongoing.	Work is ongoing; all stakeholders are working on CLRPs.	Monitoring completed during fiscal year 2012-2013. In process of compiling data.
			Achieve 40% reduction N and P	12/31/2013			
			Achieve 60% reduction N and P	12/31/2017			
			Achieve final WLA (74% reduction N and 85% reduction P)	12/31/2021			
9	San Diego Beaches Bacteria TMDL	4/4/2011	Meet 50% Interim REC-1 for Priority 1	4/4/2016	Ongoing effort	Work is ongoing; all stakeholders are working on CLRPs.	Focus on both structural and non-structural components.
			Meet 50% Interim REC-1 for Priority 2	4/4/2017			
			Meet 50% Interim REC-1 for Priority 3	4/4/2018			
			Meet 100% Interim REC-1 for Priority 1, 2 and 3	4/4/2021			
			Meet 100% Final REC-1, SHELL for Priority 1, 2, and 3	4/4/2031			

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Other Region-Specific Requirements

No other region-specific requirements are applicable to the District.

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