

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

Fiscal Year

2013–2014

CTSW-RT-13-286.12.1



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>

April 1, 2013

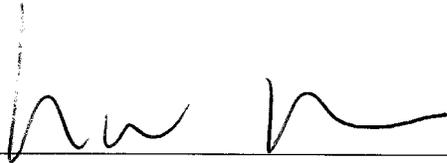


SR-905

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**California Department of Transportation
District 11 Certification
District Work Plan 2013-14**

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



Laurie Berman

District 11

3-1-13

Date

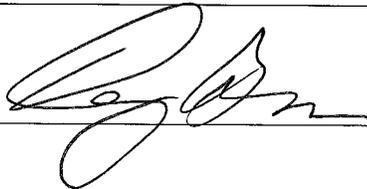
**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 11**

APPROVAL

Regional Work Plan 2013/2014

**California Regional Water Quality Control Board
San Diego Region 9 and Colorado River Basin Region 7**

April 1, 2013



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2/25/13

Date

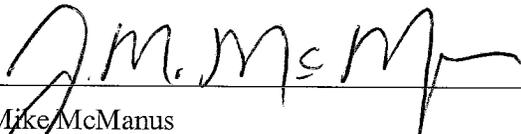


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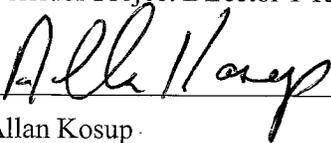


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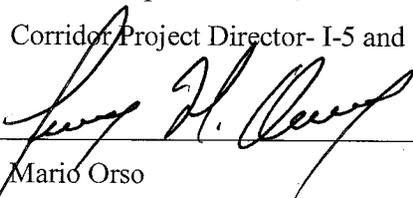


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Date

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1 Introduction

General Information about the District Work Plan

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

This DWP presents information about District 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 2013-14. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

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

District Goals and Commitments

District 11 will continue to implement the SWMP and the Stormwater Quality Handbooks to ensure that every project evaluates and implements appropriate combination of construction, pollution prevention and permanent BMPs.

The District NPDES unit continues to refine the process used to document implementation of stormwater practices. The tracking mechanism used in the environmental division will continued to be used.

Coordination with other stakeholders, including the San Diego Municipal co-permittees will continue and will be strengthen as much as possible. The TMDLs occurring in the San Diego watersheds have presented an opportunity to work together with various organizations and groups that have an interest in water quality.

A revised list for projects in FY 2013-14 will be submitted to the San Diego RWQCB. This list will have projects that might be subject to the San Diego groundwater extraction permit, as agreed upon between District 11 and San Diego RWQCB (Order R9-2008-002).

The District will ensure that all opportunities for Low Impact Development (LID) BMPs are maximized and hydromodification measures are evaluated for all projects during the design review conducted by the Route Manager as outlined in the latest approved Project Planning and design Guide (PPDG).

Moreover, environmental mitigation projects disturbing more than one acre of soil will obtain coverage under the Construction General Permit (CGP) and be inputted into the State Water Board's Stormwater Multiple Application and Report Tracking System (SMARTS) by the environmental division. The District is implementing storm water specifications for Job Order Contracts (JOCs) for mitigation projects

in coordination between District 11 environmental stewardship staff (Design and construction oversight) and funding by the San Diego Association of Governments (SANDAG).

2 District Personnel and Responsibilities

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

District NPDES Stormwater Branch Chief

The NPDES Program Branch Chief is a senior level position in charge of all storm water activities in the District. The Branch Chief is responsible for establishing an effective storm water 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 storm water
- Ensuring District efforts achieve compliance with the NPDES permit
- Acting as the District signatory authority for all compliance documents and commitments regarding storm water.
- Acting as the District's contact person between the District and Municipalities in regards to stormwater issues.
- Ensuring accuracy and adequacy of the storm water 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 storm water co-permittees (municipalities, TMDL stakeholders and other regulated entities).
- Proposing, developing, and managing storm water monitoring programs, in coordination with Headquarters Division of Environmental Analysis, Stormwater Program.
- Assisting the District functional units in prioritizing, monitoring, tracking, and evaluating storm water 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 storm water coordinator and construction storm water coordinator for Illicit Connections/Illegal Discharges.

NPDES Route Manager

Under the general direction of the District NPDES Branch Chief, the Route Managers are engineers and/or landscape architects responsible for ensuring compliance with the District storm water quality policies. The specific storm water 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 plans, specifications, and estimates (PS&E) to address Construction, Pollution Prevention and Treatment Best Management Practices (BMPs).
- Preparing or aid 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

- Assisting field staff overseeing construction activities with environmental permits, regulations and or conditions 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 Coordinator

Under the general direction of the Division of Construction Deputy, the Construction Stormwater Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water 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 storm water issues during the construction phase.
- Reviewing Stormwater Pollution Prevention Plans (SWPPP) and Water Pollution Control Programs (WPCPs).
- Conducting final project closeout inspections to ensure compliance with the Notice of Completion of Construction (NOCCs) submittals.
- Conducting or assisting with storm water 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 Notice of Non-Compliance (NONCs).
- Preparing and submitting Illicit Connection/Illegal Discharge 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 storm water 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.
- Reviews Stormwater Data Reports to ensure compliance with construction requirements.

Maintenance 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 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 preparation of report.
- District representative to the Maintenance SWAT.
- Reviewing District projects to ensure maintainability of storm water 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.

Public Affairs Coordinator

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

Erosion Control Coordinator

- Coordinating all erosion control seed mixes for projects ready to plans, specifications, and estimate (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 CGP documents.
Antonio Araullo	Route Managers	(619) 688-6436	antonio.araullo@dot.ca.gov	Review adequacy of all SWDRs. Prepare and/or review NPDES 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	
Alex Lopez-Rangel		(619) 688-0118	Alex_lopez_rangel@dot.ca.gov	
Roya Yazdanifard		(619) 688-4255	roya.yazdanifard@dot.ca.gov	
Danielle Zhang		(619) 688-3645	danielle.zhang@dot.ca.gov	

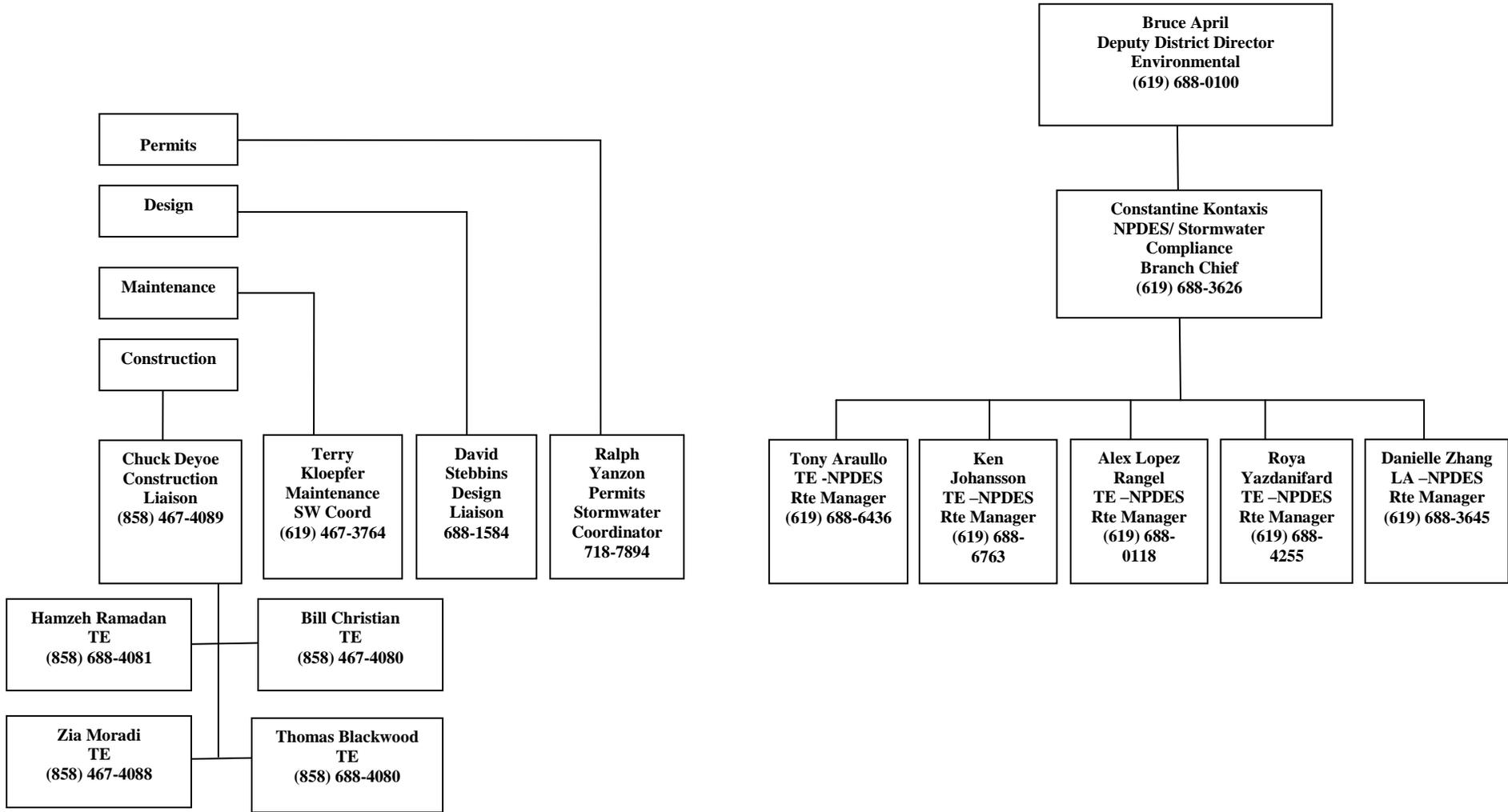
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater 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, LRP for CGP
Deputy District Director-Construction	(619) 688-3305	mike.mcmanus@dot.ca.gov	Back-up LRP for CGP (SMARTs/PRDs), Dewatering Permit Application
Deputy District Director-Environmental	(619) 688-0100	bruce.april@dot.ca.gov	Assigned signatory for CGP SMARTS-D11 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/Construction Engineer	(858) 467-4089	Chuck_deyoe@dot.ca.gov	SWPPP, NOC/ NCC, Notice and Report of Non-Compliance, Report of IC/ID
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	Stormwater Data Reports, 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	Alex_lopez_rangel@dot.ca.gov	
	(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.

Figure 2-1: District 11 Organizational Chart



3 District Facilities and Water Bodies

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

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4 Drinking Water Reservoirs and Recharge Facilities

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

A list of drinking water reservoirs and recharge facilities within District 11 is presented in Table 4-1. Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities.

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

Table 4-1: District 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 Implementation

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

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

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

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

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

Table 5-1: 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	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
1	282501	SD	5	R10.9	R13.4	9	Construct Sand Filters And Infiltration Devices	Chollas Creek	No	6	Infiltration Devices, Porous Pavement	3/1/2013	10/16/2013	9/13/14	10/1/15
2	28800k	SD	5	R12.6	R20.8	9	Construct HOV/Aux Lanes & Freeway Connector	Chollas Creek, San Diego Bay, Switzer	NA	-	C	-	-	-	2/15/2014
3	297700	SD	5	13.4	14.1	9	At Grade Improvements	San Diego Bay	NA	-	C	09/29/2011	3/14/2013	-	-
4	002700	SD	5	R19.9	R21.2	9	Construct Auxiliary Lanes/ Widen Connector	Tecolote Creek	No	1.9	1 Bioswale	03/11/2011	5/16/2013	2/18/2013	8/26/15
5	24310k	SD	5	R20.1	R30.6	9	Construct HOV/Gen Purpose/Aux Lanes	San Diego River, Peñasquitos Creek, Soledad Canyon	NA	-	C	-	-	-	9/18/2016
6	0223u0	SD	5	R29.1	R30.5	9	Replace Bridge, Reconstruct Interchange, Add Aux Lanes And Bike Facility	Soledad Canyon Creek	Yes	58	3 Bioswales, (1 Bioretention City Of SD ROW)	06/30/2011	05/09/2012	1/15/2014	10/18/2017
7	065000	SD	5	R29.3	R30.5	9	Const Auxiliary Lane S/B (Genessee II)	Soledad Canyon Creek	NA	-	7 Bioswales	5/30/2011	05/09/2012	11/27/2013	9/15/2016
8	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
9	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

¹ Supplemental Environmental Projects designated as "SEP."

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

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

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

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

Table 5-1: District 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	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
10	263400	SD	5	R41.3	R41.7	9	Encinitas Blvd I/C Improvement	Cottonwood Creek	Yes	34	7 Bioswales, 1 EDB	12/5/2013	3/8/2015	12/01/2015	1/8/2017
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
12	056300	SD	11	0	2.7	9	Construct 4-Lane Freeway	Tijuana River	Yes	265	8 Bioswales	10/03/2008	-	-	-
13	056321	SD	11	0	1.3	9	Construct Freeway To Freeway Connectors	Tijuana River	No	135	Detention Basin, Bioswale	07/01/2011	12/2/2012	12/30/2013	3/30/2016
14	056331	SD	11	0	2.8	9	Construct New 4 Lane HWY & CVEF	Tijuana River	Yes	-	C	-	02/03/2014	01/17/2012	1/5/2014
15	056341	SD	11	2.4	2.4	9	Construct Land Port Of Entry	Tijuana River	No	-	C	03/29/2012	03/21/2014	07/24/2014	11/11/2015
16	282400	SD	15	0.0	4.7	9	Construct Sand Filters And Infiltration Devices	Chollas Creek	No	4.7	4 Infiltration Trenches, 1 Sand Filter And 3 Bioswales	06/06/2012	3/1/2013	9/1/2013	1/2/2015
17	2T1301	SD	15	R3.8	R6.0	9	BRT Stations On Managed Lanes (Oversight Project)	Chollas Creek, San Diego River	No	9	1 Sand Filter, 2 Bioswales	07/20/2011	12/17/2013	3/17/15	2/20/2016
18	2T1901	SD	15	5.6	R6.0	9	Construct Commuter Bike Facility	San Diego River	No	3	Bioswale	06/28/2012	-	-	2/18/2017
19	2T1201	SD	15	M11.9	R31.5	9	BRT Stations on the Managed Lanes (Oversight Project.)	Lake Hodges	No	2.3	E	-	-	11/24/2012	11/1/2014
20	2T0954	SD	15	M15	M16.4	9	Construct DAR and Transit Station	Carroll Cynn Creek	No	9	Catch Basin Inserts, 3 Bioretention Units	03/27/2009	11/14/2011	7/4/2012	7/6/2015
21	246400	SD	67	R.7	R1.5	9	Modify Existing Interchange	Forrester Creek	Yes	10.4	1 EDB- Co Of SD ROW	11/10/2008	01/25/2015	06/07/2014	12/26/2016
22	414900	SD	67	21.9	21.0	9	Traffic Operation/Improve Intersection	San Vicente, San Diego River	NA	-	1 Bioswale	6/9/2013	7/3/2014	12/26/2014	12/10/2015
23	080104	SD	76	R7.3	13.1	9	Construct Four Lane Highway	San Luis Rey	Yes	111	52 Bioswales	11/26/2008	05/13/2009	1/1/2010	12/15/2013
24	257144	SD	76	R16.7	R17.7	9	Modify And Widen Interchange	San Luis Rey	No	52	11 Bioswales, Porous Pavement (5 MVPs)	01/09/2012	01/30/2012	11/1/2012	9/5/2014
25	257151	SD	76	12.1	R17.7	9	Construct 4 Lane Highway	San Luis Rey	Yes	-	Detention Basin, Bioswales, Porous Pavement @ MVP	01/09/2012	02/01/2013	05/08/2009	9/21/2013

Table 5-1: 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	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
26	404504	SD	78	14.3	15.5	9	Construct Auxiliary Lanes	San Marcos Creek	No	-	Bioswale	08/06/2010	07/28/2010	2/1/2012	1/24/2017
27	146650	SD	94	10.0	R11.8	9	Outside Lane Widening/Const FWY To FWY Connectors	Chollas Creek	NA	-	C	05/28/2014	08/16/2016	-	6/21/2016
28	085780	SD	163	0.6	1.4	9	Revise Interchange/Widen OC And Approach	San Diego Bay	Yes	31	1 IB, 1 Biostrip, 11 Bioswales	11/08/2010	09/04/2013	07/05/2013	3/31/2014
29	241511	SD	163	8.4	9.4	9	Interchange Reconfiguration	San Diego River	No	19	Detention Basin	03/12/2003	10/14/2012	04/16/2014	6/18/2015
30	2T2601	SD	805	4.4	10.0	9	Construct Express Lanes	Sweetwater River, Chollas Creek	Yes	375	51 Bioswales	6/22/2011	10/7/2014	04/28/2014	2/22/2018
31	2T1821	SD	805	4.7	5.6	9	Direct Access Ramps	Otay River	Yes	31	2 Bioswales. Porous Pavements On Parking Lots, Biocells Outside ROW	06/22/2011	03/30/2012	4/13/2013	1/18/2015
32	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	C	3/21/2013	9/21/2013	7/23/2014	10/7/2015
33	2T2501	SD	805	9.5	10.3	9	Outside Widening	Sweetwater River, San Diego Bay	No	-	C	6/22/2011	10/21/2013	6/5/2014	6/25/2015
34	2T2004	SD	805	23.7	27.6	9	2 HOV, S Facing DAR At Carroll Canyon Rd	Carroll Cnyn Creek	Yes	253	32 Bioswales, 3 Detention Basins	12/31/2010	01/18/2012	7/1/2013	8/1/2014
35	2T2031	SD	805	25.1	25.5	9	Interchange, DAR & Nobel Drive OC With BRT & P & R	Carroll Canyon	NA	-	C	12/31/2010	08/17/2015	07/20/2016	8/20/2018
36	2T0404	SD	805	26.5	28.9	9	Construct HOV Lanes	Carroll Cnyn, Soledad Canyon	Yes	48	7 Bioswales	04/02/2009	08/30/2010	8/26/2014	10/15/2018
37	263300	IMP	8	R38.7	R39.3	7	Revised Interchange	Alamo River, IID	NA	11	Detention/retention basin	11/1/2012	3/10/2013	10/7/2013	7/25/2015
38	294201	IMP	86	1.9	2.3	7	Roadway Widening	Alamo River, IID, New River	NA	3	Extended Detention/Retention Basin	-	-	12/6/2014	4/13/2015

Table 5-1: 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	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁵	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	Regional Board						PA&ED Date	PS&E Date	Start Date	End Date
39	080231	IMP	98	32.1	32.4	7	Widen Highway	All American Canal	No	-	C	02/18/2009	4/1/2014	9/1/2015	2/20/2017

Treatment Control Status Legend	
BMP Device Types:	
BS	Biofiltration Strips and/or Swales
C	Under Consideration
D	Detention Devices
DWFD	Dry Weather Flow Diversion
E	Exempt
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

Table 5-2 lists planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

Table 5-2: District 11 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Regional Board	Description	Water Bodies Affected ⁶	Start Date	Completion Date
None Anticipated								

Table 5-3 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 5-3: District 11 General Management Practices

Monitoring Activities
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue implementing the monitoring plan for Chollas Creek for the Dissolved Copper, Lead and Zinc TMDL. The main objectives of the monitoring program are to: <ul style="list-style-type: none"> ○ Characterize Caltrans’ discharges to Chollas Creek; ○ Demonstrate compliance toward achieving WLAs identified in the TMDL; and ○ Conduct pre-construction monitoring in areas where treatment BMPs may be implemented • Continue implementing the monitoring plan for Rainbow Creek to: <ul style="list-style-type: none"> ○ Characterize Caltrans’ discharges to Rainbow Creek; ○ Demonstrate compliance toward achieving the WLAs identified in the TMDL for Total Nitrogen and Total Phosphorus in the Rainbow Creek Watershed; and ○ Demonstrate attainment of the nutrient water quality objectives in areas affected by Caltrans’ discharge.
Public Education and Participation
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue to seek opportunities to participate in public education, particularly in the areas of stormwater quality issues pertaining to the District’s property, facilities, and activities. Continue to participate in District events, county fairs, elementary school presentations and other events to distribute literature and promotional material. • Use project informational meetings to explain why stormwater treatment and specialized erosion control measures are being included in upcoming projects and to share new specifications and manuals with other agencies and the public.
Municipal Coordination
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue 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.

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

Table 5-3: District 11 General Management Practices

The District has several cooperative agreements in effect with local agencies, including:					
County	Route	Begin/ 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
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)
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

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6 Total Maximum Daily Loads

Chapter 6 of the DWP describes and identifies the total maximum daily loads (TMDLs) for which the District has been identified as a stakeholder. 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 6-1 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
- Planned Actions – specific activities the District intends to conduct during the fiscal year to comply with the TMDL by the deadline

Table 6-1: 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, workshop has taken place every year during spring. Continuing municipal coordination	Stakeholders Annual Report submitted as part of San Diego MS4 permit
	Chollas Creek Metals	12/18/2008	Achieve 80% WLA	12/16/2018	Ongoing effort	Ongoing effort – Samples taken during FY 12/13	Treatment BMPs to be constructed FY 13-14
	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 Comprehensive Load Reduction Plans (CLRPs).	Sampling Task Order will generate data to determine the status of Caltrans runoff.
			Achieve 40% reduction N and P	12/31/2013			
Achieve 60% reduction N and P			12/31/2017				
Achieve final WLA (74% reduction N and 85% reduction P)	12/31/2021						

Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
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 Comprehensive Load Reduction Plans (CLRPs).	Focuses continues 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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