California Department of Transportation
Stormwater Management Program
District 11 Work Plan

Fiscal Year

2015-2016

CTSW-RT-14-316.11.1

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

October 1, 2014

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California Department of Transportation
District 11 Certification
District Work Plan 2015-16

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 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 of knowing violations. [40 CFR 122.22(d)]

9-4-15

Laurie Berman **Date**

District 11

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWPs) 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 2015-16. 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 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 (if applicable) to address the requirements listed in 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) (2012 NPDES Permit).

District Goals and Commitments

The 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] in the Plans, Specifications, and Estimate [PS&E] phase) to include additional information for the Annual Report, such as acreage of new pavement, percentage of new pavement to existing, compliance unit credit accounting, and construction BMP controls.

Moreover, NPDES staff members will continue using the Standard Tracking Exchange Vehicle (STEVE) database on a consistent basis to its full capacity as well as investigate the integration with the new Caltrans Stormwater Portal. The STEVE super container has the ability to store all of the documents prepared for a specific project. Staff will continue to use STEVE to maintain updated and accurate project information, including project meetings, schedules, memos, the status of technical reports and documents, and other pertinent information.

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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., Project Registration Documents, including Notices of Intents or NOIs).

District NPDES Stormwater Coordinator

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

- Reviewing the adequacy of Stormwater Data Reports for all District projects as required by the Project Planning and Design Guide.
- Utilizing stormwater funds for the project development process for BMP retrofit projects associated with TMDL compliance requirements.
- Participate in the preparation of contract specifications and estimates to address the development of Stormwater Pollution Prevention Plans (SWPPPs) and Water Pollution Control Programs (WPCPs).
- Participate in the preparation of PS&E contracts to address Construction, Pollution Prevention and Treatment BMPs.
- Preparing, or aiding in the preparation of, PS&E contracts to include permanent control measures that will improve or minimize water quality impacts.
- Ensuring adequate preparation of RWQCB notifications as required by the Permit.
- Overseeing activities related to the notification procedures for reusing soil containing lead in accordance with the variances issued by the Department of Toxic Substances Control (DTSC).
- Reviewing encroachment permit applications to ensure they comply with stormwater requirements.
- Representing NPDES at Stormwater Advisory Team (SWAT) meetings.

Environmental Engineering Coordinator

The specific tasks of the Environmental Engineering Coordinator include the following:

- Assisting field staff that oversees construction activities with environmental permits, regulations and or conditions to ensure the environmental requirements are complied with and thoroughly documented.
- Participate in the preparation of project-specific Environmental Commitment Records. Moreover, ensure that commitments are complied with as projects are constructed.

Maintenance Coordinator

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

- Overseeing the implementation of proper maintenance BMPs when conducting maintenance activities to ensure that they comply with the NPDES Permit and SWMP.

- Conducting Facility Pollution Prevention Plan (FPPP) inspections and preparing reports.
- District representative to the Maintenance SWAT.
- Reviewing District projects to ensure that stormwater measures can be maintained after construction is completed.
- Coordinating all stormwater training for Maintenance personnel.
- Point of contact for Maintenance-related activities with regulatory agencies.
- Preparing and submitting Illegal Connection/Illicit Discharge Reports to the District NPDES Branch Chief.
- Reviewing and providing comments on Stormwater Data Reports to ensure compliance with Maintenance requirements.
- Overseeing the implementation of drain inlet inspection and cleaning on an annual basis.

Construction 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 Termination (NOT) 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 Notice and Report of Non-Compliance (NONCs).
- Preparing and submitting Illegal Connection/Illicit Discharge (IC/ID) Reports for Construction projects to the District NPDES Branch Chief.
- Representing Construction at the SWAT meetings.
- Providing input on 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.

Right of Way Coordinator

The specific tasks of the Right of Way (ROW) Coordinator include the following:

- Acts as a liaison between the Right of Way department and stormwater staff.

- Forward the appropriate SWPPP and WPCP documents to the NPDES/Stormwater Coordinator.

Engineering Services (Hydraulics) Representative

The specific tasks of the Hydraulic Representative include the following:

- Conduct culvert inspections in the field.
- Assist in the development of design-related maintenance projects and stormwater projects.
- Provide construction inspections for projects developed by Roadside Maintenance, including HM-2, drainage, and stormwater projects.

Public Affairs Coordinator

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

- Coordinating the "Don't Trash California" public education program.
- Providing input to the Annual Report regarding the District's public educational activities.

Encroachment Permits Coordinator

The specific tasks of the Encroachment Permit Coordinator include the following:

- Acts as a liaison between the permit applicant and stormwater staff.
- Preliminary engineering review, site inspection, completion of the Encroachment Permit Storm Water Assessment Form (TR-0132).
- Related activities to reviewing, monitoring and issuing encroachment permits including meeting and communications with applicants, NPDES and stormwater Coordinators.

Landscape Architecture Coordinator

The specific tasks of the Landscape Architecture Coordinator include the following:

- Coordinating the landscape plans for all projects that are beginning the PS&E phase.
- Point of contact for Construction and Maintenance related to landscape 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
Carl Savage	NPDES Branch Chief	(619) 688-3626	carl.savage@ 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.
Roya Yazdanifard	NPDES/Stormwater Coordinators	(619) 767-2154	roya. yazdanifard@ dot.ca.gov	Review adequacy of all SWDRs. Prepare and/or review NPDES Standard Special Provision (SSP) recommendations and estimates to address BMPs in SWPPPs and WPCPs. Review encroachment permit applications to ensure compliance with stormwater requirements.
Antonio Araullo		(619) 688-6436	antonio.araullo@ dot.ca.gov	
Ken Johansson		(619) 688-6763	ken.johansson@ dot.ca.gov	
Roy Santos		(619) 767-2152	roy. santos@ 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 and SWMP required documents.

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

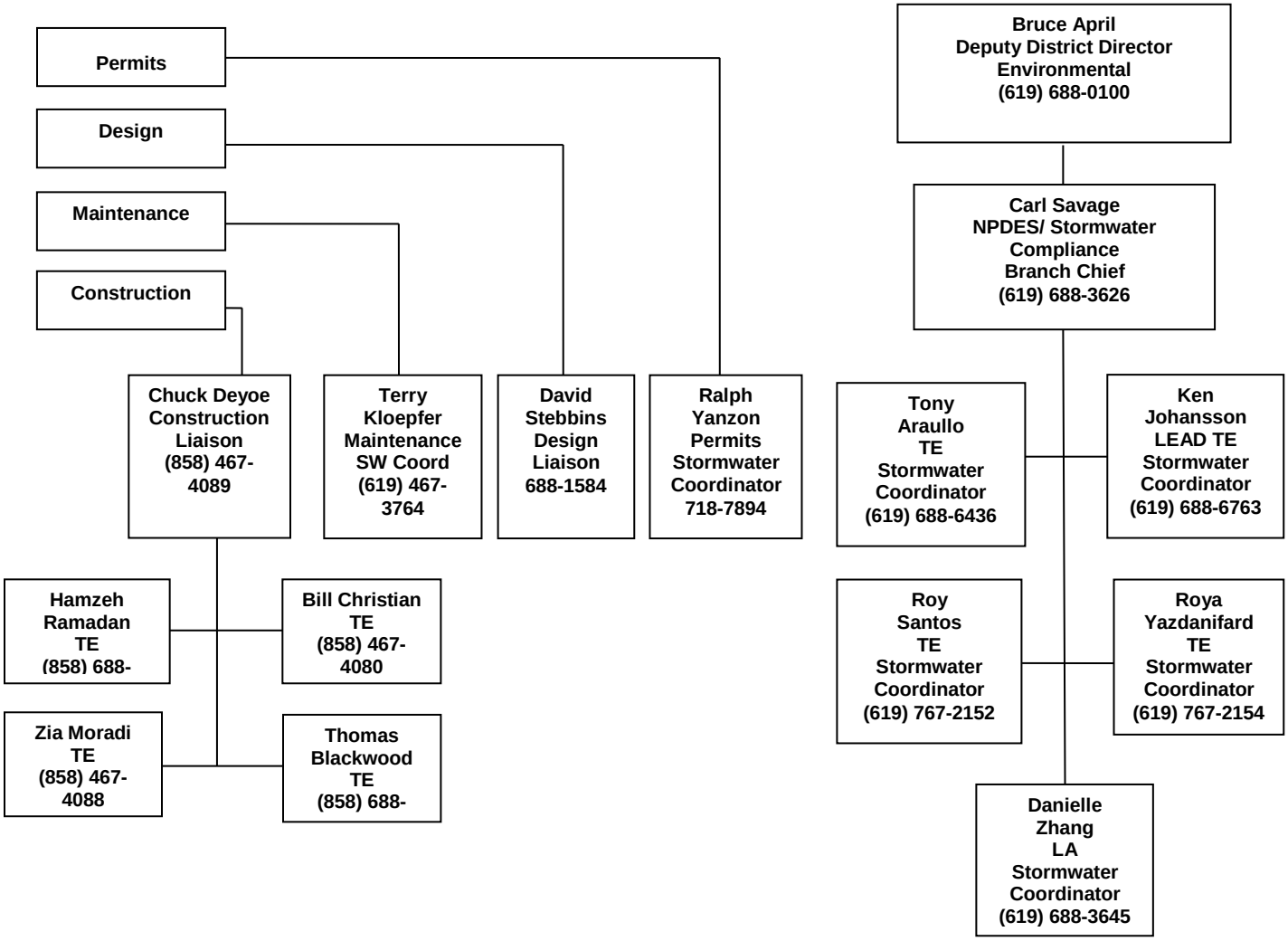
Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
District Director	(619) 688-6668	laurie.berman@ dot.ca.gov	All District Documents, Legally Responsible Person (LRP) for CGP
Chief Deputy Maintenance, Design, Traffic Operations, Engineering and Surveys	(619) 688-3305	everett.townsend@ dot.ca.gov	All District Documents
NPDES Branch Chief	(619) 688-3626	carl.savage@ dot.ca.gov	All District Documents except District Work Plan
Construction SW Coordinator	(858) 467-4089	chuck.deyoe@ dot.ca.gov	SWPPP, Notice of Intent (NOI), Notice of Termination (NOT), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Incident Report Form
Maintenance SW Coordinator	(619) 688-3329	terry.kloepfer@ dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illegal Connection/Illicit Discharge (IC/ID), Incident Report Form
Construction SW Coordinator	(858) 467-4089	chuck.deyoe@ dot.ca.gov	SWPPPs, NOI/NOT, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form

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

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
NPDES Branch Chief	(619) 688-3626	carl.savage@ dot.ca.gov	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction SW Coordinator	(858) 467-4089	chuck.deyoe@ dot.ca.gov	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form
Construction SW Coordinator	(858) 467-4089	chuck.deyoe@ dot.ca.gov	SWPPPs, NOI/NOT, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Maintenance SW Coordinator	(619) 688-3329	terry.kloepfer@ dot.ca.gov	Facility Pollution Prevention Plans (FPPP)

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

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 such areas 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 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. 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 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

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
78 – PM 13.190	IMP	Colorado River Basin Region 7	Salton Sea/Colorado River	TBD
78 – PM 69.931	SD	San Diego Region 9	Salton Sea	TBD
76 – PM 43.045	SD	San Diego Region 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 2014, including rock cut slopes, landslides, and moderate soil erosion.

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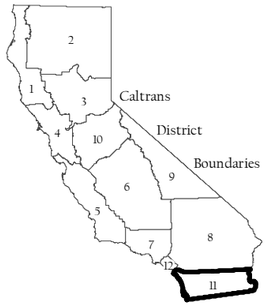


District 11

2014 Areas Prone to Erosion

Areas Prone to Erosion

DIST	CO	RTE	BPREFX	BPM	EPREFX	EPM
11	IMP	78		35.002		41.088
11	SD	76		43.030		44.060
11	SD	78		73.052		73.145

NOTE:

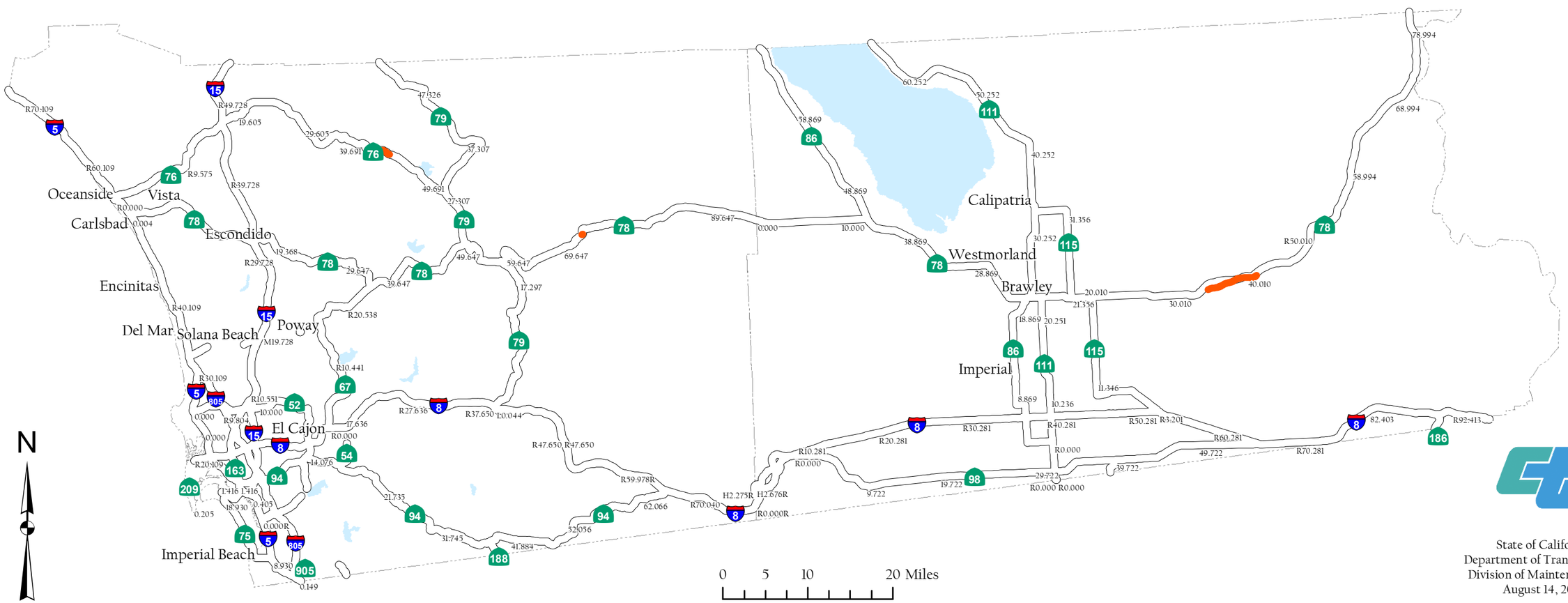
Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

MAP INFORMATION

Projection: Albers Meters NAD 83
Project Location: f:\gis\2014_Erosion_District11.mxd

Legend

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



State of California
Department of Transportation
Division of Maintenance GIS
August 14, 2014

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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 Initiation Document (PID), Project Approval/Environmental Document (PA/ED), 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 PID, 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 11 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	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)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule			Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
1	414900	SD	67	20.8	21.9	9	Intersection Widening	San Vicente Creek	NA	NA	-	8.58	4.78	-	SWPPP	1 BS	-	07/09/13	-	03/31/14	09/27/14
2	41530K	SD	163	2.5	4	9	Enhance stripping, lighting, upgrade end treatments	San Diego River	NA	NA	-	0.32	0	-	WPCP	E	07/10/13	-	-	08/01/14	12/01/17
3	2T2001	SD	805	23.7	27.6	9	Construct Manage Lane (HOV/BRT Lanes)	San Clemente Canyon, Rose Canyon, Carroll Canyon	NA	NA	-	29.79	13.44	-	SWPPP	1 BS & 1 D	-	-	07/26/13	09/20/13	12/01/15
4	292301	SD	805	0.9	1.1	9	Slope erosion repair	Tijuana River	NA	NA	-	3.8	0	-	WPCP	E	-	-	08/07/13	03/20/14	08/20/14
5	2T1781	SD	5	35.7	38.5	9	Lomas Santa Fe Plant Augmentation	San Dieguito	NA	NA	-	1.25	0	-	WPCP	E	-	-	08/21/13	04/07/14	09/22/14
6	2M6701	SD	76	R2.9	R7.5	9	Bonded Wearing Course Overlay	San Luis Rey River, Guajome Lake	NA	NA	-	0	0	-	WPCP	E	-	-	08/29/13	10/01/14	11/01/15
7	404401	IMP	78	R9.2	R14	7	Landscape Mitigation	New River	NA	NA	-	0.79	0.09	-	WPCP	E	-	-	08/30/13	08/01/14	12/31/18
8	275501	SD	67	R0.0	R5.8	9	Rehabilitation of main lane shoulder	Los Coches Creek	NA	NA	-	0.85	0.66	-	WPCP	E	-	-	09/09/13	08/01/14	04/01/15
9	2T1750	SD	5	28.7	28.7	9	New Bridge	Rose Creek, Mission Bay	NA	NA	-	8.1	0.9		SWPPP	6 BS	-	09/13/13	-	02/15/15	05/26/16
10	2T2501	SD	805	9.5	10.3	9	Outside widening & ramp realign	Paradise Creek	NA	NA	-	6.56	1.19	-	SWPPP	-	-	-	09/13/13	02/27/14	06/15/15
11	41680K	SD	163	3.6	3.6	9	High friction surface treatment and delineation	San Diego River	NA	NA	-	0.49	0	-	WPCP	E	09/19/13	11/25/13	-	08/01/15	12/01/15
12	2T1501	SD	905	11.28	11.57	9	Ramp widening	Tijuana River	NA	NA	-	0.22	0	-	WPCP	E	-	-	09/26/13	06/01/14	06/01/15
13	2M4901	SD	79	35.1	53	9	RHMA Overlay	Temecula Creek	NA	NA	-	0	0	-	WPCP	E	-	-	10/02/13	10/01/14	12/01/14
14	406601	SD	76	R4.2	R7.6	9	Install Median Barrier	San Luis Rey River	NA	NA	-	12	3.7	-	SWPPP	-	-	-	10/02/13	10/23/14	12/17/14
15	416201	SD	15	R36.2	R37.0	9	Pavement Rehabilitation	Buena Creek	NA	NA	-	0.01	0	-	WPCP	E	-	-	10/03/13	04/03/14	07/02/14
16	408501	SD	125	9.7	12.1	9	Install median barrier	Sweet Water River	NA	NA	-	0.13	0	-	WPCP	E	-	-	10/07/13	08/01/14	11/01/14
17	390501	SD	56	1.9	1.9	9	Ramp pavement rehabilitation	Los Penasquitos Creek	NA	NA	-	0	0	-	WPCP	E	-	-	10/08/13	10/21/13	10/31/14
18	2M6601	IMP	98	32.3	39.6	7	Overlay and cold plane	Alamo River, New River	NA	NA	-	0	0	-	WPCP	E	-	-	10/08/13	02/01/15	02/01/16
19	416101	SD	15	M20.3	M20.9	9	Ramp pavement rehabilitation	Los Penasquitos Creek	NA	NA	-	0.55	0	-	WPCP	E	-	-	10/14/13	01/04/15	03/18/15
20	282300	SD	5	31.7	31.7	9	Slope stabilization	Los Penasquitos Creek	NA	NA	-	1	0	-	SWPPP	-	-	10/17/13	-	07/01/15	08/01/16
21	298201	SD	905	6.5	10.4	9	Preservation project	Tijuana River	NA	NA	-	0	0	-	WPCP	E	-	-	10/18/13	07/01/14	12/01/14
22	416401	SD	78	R17	R17.4	9	Ramp pavement rehabilitation	Escondido Creek	NA	NA	-	0	0	-	WPCP	E	-	-	11/04/13	04/17/14	01/03/15

[1] Regional B26oard
[2] Supplemental27 Environmental Projects designated as "SEP."
[3] Projects adjacen28t to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.
[4] Water bodies with d29esignation for 303(d) designation are noted in parentheses.
[5] If yes, a 401 permit wil30l be required for this project. NA = Not Available at this time.
[6] 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.
[7] 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.
[8] 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.
[9] 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[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	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)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule			Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
23	407600	SD	Various	Various	Various	9	Upgrade bridge rail end treatment	Telegraph Canyon, Tijuana River, San Diego River, Tecolote Creek, Forester Creek	NA	NA	-	0.89	0	-	WPCP	E	-	12/03/13	-	02/01/16	11/01/17
24	2M6301	SD	76	24.1	34.9	9	Pavement rehabilitation	San Luis Rey River	NA	NA	-	0	0	-	WPCP	E	-	-	12/04/13	06/01/14	12/01/14
25	2M4401	IMP	111	40.5	65.4	7	Asphalt overlay & cheap seal	Salton sea, Alamo River, New River, Imperial Valley Drain	NA	NA	-	0	0	-	WPCP	E	-	-	12/04/13	3/31/14	05/31/14
26	406901	SD	8	25.9	R32.2	9	Pavement rehabilitation	Alpine Creek	NA	NA	-	0.91	0.91	-	WPCP	E	-	-	12/13/13	05/01/15	09/01/15
27	407001	SD	8	R61.2	R77.8	9	Pavement rehabilitation	Walker Canyon, Campo Creek, Miller Creek	NA	NA	-	0.37	0	-	WPCP	E	-	-	12/17/13	06/01/14	03/01/15
28	288811	SD	905/125/11	Various	Various	9	Northbound Connector	Tijuana River	NA	NA	-	25	5.9	-	SWPPP	3 D	-	-	01/10/14	11/01/14	12/01/15
29	2M6401	SD	67	R5.8	R18.5	9	Cold plane	Los Cochas Creek, Poway Creek	NA	NA	-	0	0	-	WPCP	E	-	-	01/22/14	10/01/14	12/01/14
30	080171	SD	76	R7.3	R12	9	Plant Establishment	San Luis Rey River	NA	NA	-	0	0	-	WPCP	E	-	-	01/22/14	08/04/14	02/14/15
31	085781	SD	163	3.8	5.8	9	Interchange reconstruction	San Diego River	NA	NA	-	21.4	2.7	-	SWPPP	1 ID	-	-	01/29/14	01/15/15	03/21/16
32	406400	SD	Various	Various	Various	9	Upgrade bridge rail end treatment	San Diego River	NA	NA	-	0.28	0	-	WPCP	E	-	02/10/14	-	04/01/16	09/01/16
33	2T1301	SD	15	R3.6	R6.5	9	Construct BRT lanes	San Diego Bay	NA	NA	-	10.42	7.83	-	SWPPP	2 BS & 1MF	-	-	02/12/14	06/01/14	06/01/16
34	415400	SD	8	16	R30.5	9	Upgrade bridge end treatment, Enhance striping	Coches Creek	NA	NA	-	0.6	0	-	WPCP	E	-	02/24/14	-	06/01/16	02/01/17
35	405501	SD	8	6.9	8.2	9	Upgrade MBGR to concrete barrier	Alvarado Creek	NA	NA	-	2.77	0.1	-	SWPPP	-	-	-	02/24/14	02/01/15	02/01/17
36	41820K	SD	Various	Various	Various	9	Culvert rehabilitation	Various	NA	NA	-	0.12	0	-	WPCP	E	03/12/14	-	-	06/06/19	10/31/19
37	282500	SD	94/805/15	Various	Various	9	BMP retrofit (Chollas Creek)	Chollas Creek	NA	NA	-	3.21	0	-	SWPPP	5 BS & 5 ID	-	-	03/17/14	08/01/14	08/01/16
38	41440K	SD	94	5.79	9.26	9	Bridge rail replacement & ADA upgrade	San Diego River	NA	NA	-	0.21	0.71	-	WPCP	E	03/27/14	-	-	09/12/19	02/12/20
39	2T2511	SD	805	4.4	5.5	9	Landscape mitigation (Palomar DAR)	Otay River, San Diego River	NA	NA	-	0.71	0	-	WPCP	E	-	-	04/16/14	03/13/15	06/06/18
40	409301	SD	75	R21	R21.6	9	Bridge rehabilitation (painting)	Coronado Bay	NA	NA	-	0	0	-	WPCP	E	-	-	04/28/14	01/08/15	01/09/18
41	414700	SD	67	9.3	11.2	9	Drainage improvement	San Vicente Creek	NA	NA	-	0.1	0	-	WPCP	E	-	04/30/14	-	02/04/16	08/16/16
42	41370K	IMP	8	R65	R74.5	7	Pavement rehabilitation	All American Canal	NA	NA	-	0.7	0	-	WPCP	E	05/02/14	-	-	02/01/16	06/01/17
43	41690K	IMP	8	R90	R96.8	7	Pavement rehabilitation	Colorado River	NA	NA	-	0.92	0	-	WPCP	E	05/14/14	-	-	03/01/16	02/01/18
44	2M6501	IMP	86	43.1	67.8	7	Chip seal, PCC slab	Salton Sea	NA	NA	-	0	0	-	WPCP	E	-	-	05/21/14	07/01/15	10/01/15
45	41910K	SD	Various	Various	Various	9	Replace overhead signs	Various	NA	NA	-	0	0	-	WPCP	E	05/24/14	-	-	11/01/15	12/01/16
46	41911K	SD	Various	Various	Various	9	Replace overhead signs	Various	NA	NA	-	0	0	-	WPCP	E	05/27/14	-	-	11/01/15	12/01/16
47	41330K	SD	15	R6.5	R10.9	9	Pavement rehabilitation	San Diego River	NA	NA	-	0.34	0	-	WPCP	E	-	05/29/14	-	01/29/16	08/31/16
48	408001	SD	79	0	29.6	9	Bridge rail upgrade/replacement	Samagatuma Creek	NA	NA	-	0.8	0	-	WPCP	E	-	-	05/29/14	03/19/15	12/18/17
49	40460K	SD	56	5.4	5.8	9	Bridge construction (Torrey Meadows)	Los Penasquitos Creek	NA	NA	-	1.5	0.8	-	SWPPP	-	05/29/14	-	-	01/01/16	12/31/17

Table 6-1: District 11 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	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)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule			Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PID Date	PA&ED Date	PS&E Date	Start Date	End Date
50	41810K	SD	Various	Various	Various	9	ADA ramps	Paleta Creek, Chollas Creek, San Diego River	NA	NA	-	0.24	0	-	WPCP	E	06/02/14	-	-	06/01/17	10/01/20
51	2M4601	IMP	86	R21.9	43.1	7	PCC grind and slab replacement	New River, Salton Sea	NA	NA	-	0	0	-	WPCP	E	-	-	06/04/14	09/15/14	11/15/14
52	2M7401	IMP	111	23.9	40.5	7	Asphalt rubber seal coat	Alamo River, Imperial Valley River	NA	NA	-	0	0	-	WPCP	E	-	-	06/09/14	03/01/15	06/01/15
53	41430K	SD	79	Various	Various	9	Bridge rail upgrade/replacement	Buena Vista Creek	NA	NA	-	0	0	-	WPCP	E	06/11/14	-	-	09/01/19	04/01/20
54	386201	SD	8	5.4	5.9	9	Remove MBGR and install MSG	San Diego River	NA	NA	-	0	0	-	WPCP	E	-	-	06/17/14	08/01/14	11/01/14
55	405700	SD	76	32.6	33.2	9	Round about @ Valley Center Road	Yuma Creek & San Luis Rey River	NA	NA	-	3.51	0.23	-	SWPPP	-	-	06/18/14	-	07/01/16	08/01/18
56	261601	SD	5	Various	Various	9	Workers safety & roadside improvement	Various	NA	NA	-	3.35	3.28	-	SWPPP	-	-	-	06/23/14	02/11/15	12/14/15
57	410301	SD	8	R37.9	R37.9	9	Pavement Rehabilitation at Maintenance Station	Loveland Reservoir	NA	NA	-	0.21	0	-	WPCP	E	-	-	06/23/14	09/28/15	12/09/15
58	2M7801	IMP	8	R28	R40.9	7	Pavement rehabilitation	Alamo River, Imperial Valley Drain, New River & Salton Sea	NA	NA	-	0	0	-	WPCP	E	-	-	06/23/14	05/01/15	08/01/15
59	2M7701	IMP	115	R8.5	R21.2	7	Prevention maintenance	Alamo River & Hotville Drain	NA	NA	-	0	0	-	WPCP	E	-	-	06/23/14	03/01/15	06/01/15

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 – 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 11 Anticipated Maintenance Projects

Significant Road Maintenance Projects															
No.	**Co.**	**Route**	**PM**	**Regional Board**	**Description**	**Water Bodies Affected[10]**	**Other Regional Water Board Permits Required[11]**	**Potential and Actual Impacts of Project's Discharge[12]**	**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)[13]**	**Post-Construction Treatment Control Type, Quantity[14]**	**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 – 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

[10] 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."
[11] 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.
[12] 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.
[13] 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.
[14] 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 6-3 lists the District's planned monitoring activities.

Table 6-3: District 11 Monitoring Activities

Statewide Monitoring Program Activities

The District plans to:
• 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:
  o Characterize Caltrans' discharges to Chollas Creek;
  o Demonstrate compliance toward achieving WLAs identified in the TMDL; and
  o Conduct post-construction monitoring in areas where treatment BMPs have been implemented
• Continue implementing the monitoring plan for Rainbow Creek to:
  o Characterize Caltrans' discharges to Rainbow Creek;
  o Demonstrate compliance toward achieving the WLAs identified in the TMDL for Total Nitrogen and Total Phosphorus in the Rainbow Creek Watershed
• Begin implementing a monitoring plan for Los Penasquitos Lagoon TMDL to:
  o Characterize Caltrans' discharges to Los Penasquitos Lagoon;
  o Demonstrate compliance toward achieving the WLAs identified in the TMDL for sediment in the Los Penasquitos Lagoon Watershed
• Begin implementing a monitoring plan for the Indicator Bacteria, Project I – Twenty Beaches and Creeks TMDL to:
  o Characterize Caltrans' discharges to the impaired watersheds;
  o Demonstrate compliance toward achieving the WLAs identified in the TMDL for Bacteria in those watersheds identified in the SWRCB Resolution # 2010-0064 - Revised Total Maximum Daily Loads for Indicator Bacteria, Project I – Twenty Beaches and Creeks in the San Diego Region (Including Tecolote Creek)
• Begin implementing a monitoring plan for Trash associated with new statewide trash amendment
• Begin pre-construction monitoring for Porous Pavement pilot study
  o Characterize Caltrans' discharges in the pilot area
  o Conduct pre-construction monitoring in areas where porous shoulder treatment BMPs will be implemented

ASBS Core Monitoring Sites
• N/A
ASBS Ocean Receiving Water and Reference Monitoring Sites
• N/A

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7 Region-Specific Activities

Region-specific requirements are not applicable to District 11.

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