

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

Fiscal Year

2019-2020

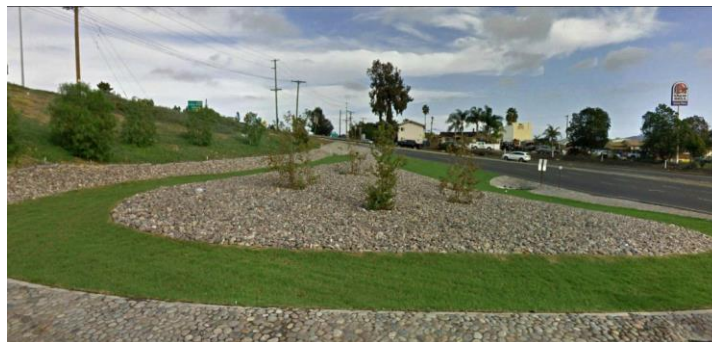
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California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
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<http://www.dot.ca.gov/hq/env/stormwater>

October 1, 2018



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**California Department of Transportation
District 11 Certification
District Work Plan 2019-2020**

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)]



Cory Binns, District Director

8/27/18

Date

District 11

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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 2019-20. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-0077-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf

The NPDES Permit was further amended by Order WQ 2017-0026-EXEC on November 27, 2017. This permit amendment describes the primary modifications to several Areas of Special Biological Significance (ASBS) sampling locations and incorporation of compliance units crediting due to the SWRCB's adoption of the trash provisions on April 7, 2015 (effective on December 3, 2015).

The DWP's eight 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 Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

District Goals and Commitments

The goals for District 11 consist of the following:

- Utilizing the Caltrans Stormwater Portal on a consistent and regular basis. Staff uses the Portal as a centralized, web-based, comprehensive mapping and tracking stormwater tool to help facilitate data collection, tracking and reporting required by the Stormwater Permit.

- Continue to implement the requirement of the Construction General Permit (CGP), and the NPDES Permit to ensure that projects implement BMPs and achieve compliance.
- Enhancing BMP implementation, using lessons learned to improve future designs and make modifications to recently installed BMPs.
- Continue improving strategies for compliance monitoring to fulfill NPDES Permit requirements.
- Continue informing other District units such as Planning, Design, Construction and Permits of the Caltrans NPDES Permit requirements and provide sufficient guidance to achieve compliance.
- Communication, collaboration and coordination with the RWQCB to have a better understanding of the future requirements of water quality.
- Continue partnering with local municipal separate storm water sewer systems (MS4s), and various local and stormwater agencies.
- Continue to educate contractors, consultants, the public and other stakeholders to reduce stormwater runoff pollution.

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, maintenance coordinators, engineers and landscape architects are responsible for ensuring compliance with the District stormwater quality policies. The specific stormwater tasks for which the Stormwater Coordinators are responsible include the following:

- Coordination of stormwater management issues with functional unit and with other MS4s agencies.
- Regular communication with representatives of the RWQCB, including coordinate investigative efforts, reporting, submitting applications, compliance documents and permit.
- Preparing the District Annual Report and District Work Plan in coordination with other District functional units.
- Receiving and responding to public inquires made to the District regarding stormwater management issues.
- Provide assistance to the Project Engineer with the Project's stormwater issues.
- Review (and occasionally prepare) Storm Water Data Reports (SWDR), contract Plans, Specifications, and Estimate (PS&E).
- Assisting Headquarter (HQ) in stormwater monitoring programs for waterbodies per Attachment IV of the Caltrans NPDES Permit.
- Assisting HQ with tracking and incorporating BMPs to comply with Total Maximum Daily Limit (TMDL) Compliance Units as described in the Caltrans NPDES Permit.
- Representing the District in Water Quality Storm Water Advisory Team (WQSWAT) and Project Design Storm Water Advisory Team (PDSWAT) meetings as identified in the SWMP.
- Participating in meetings and coordinating activities with local Municipal MS4 stakeholders.
- Ensuring that the District staff are updated with the Caltrans NPDES Permit requirements and provide adequate guidance to achieve compliance. This will include the TMDL program, SWMP, Project Planning and Design Guidance (PPDG) and SWDR.
- Evaluating and recommending permanent control and treatment measures to address project stormwater impacts and compliance requirements.

- Attending Project Development Team (PDT) meetings, Constructability meetings and coordinating with other Divisions to promote water quality improvement and implementation of BMPs.
- Assist the District Permit Office in evaluating water quality impacts and requirements of the encroachment permit application.

Environmental Construction Liaison

The tasks of the Environmental Construction Liaison include the following:

- Assist the environmental compliance staff with overseeing construction activities with environmental/NPDES permits, regulations and conditions; ensure that requirements are fulfilled.
- Participate in the preparation of project-specific Environmental Commitment Records. Ensure commitments are complied with as projects progress in construction.
- Evaluate stormwater impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screenings.
- Consult with the NPDES/Stormwater Unit on project activities through the life of the project with related NPDES permit and stormwater quality issues.

Maintenance Stormwater Coordinator

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

- Overseeing the implementation of proper maintenance BMPs when conducting maintenance activities to ensure compliance with CGP, Caltrans NPDES Permit and SWMP.
- Conducting Facility Pollution Prevention Plan (FPPP) inspections and preparing reports.
- Representing the District for the Maintenance Storm Water Advisory Team (MSWAT) meetings.
- Reviewing District projects to ensure maintainability of stormwater measures upon completion of construction.
- Serving as point of contact for stormwater maintenance-related activities with other agencies.
- Providing assistance to stormwater coordinator to respond RWCQB regarding construction field operation.
- Tracking and reporting the District's response to Illicit Connection/Illegal Discharge (IC/ID).
- Reviewing and providing comments on Storm Water Data Reports (SWDR) to ensure compliance with Maintenance requirements.
- Reviewing stormwater programs for elements related to maintenance, evaluating BMP implementation and effectiveness.
- Overseeing implementation of drain inlet inspection and cleaning.
- Provide information for the District's Maintenance portion of the Annual Report and Portal input.

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 of the CSWC include the following:

- Working as the primary point of contact for stormwater issues during the construction phase.
- Acting as Liaison between field construction and District NPDES/Stormwater Coordinators.
- Assists Resident Engineer with review of Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Plan (WPCP).
- Conducting final project closeout inspections to ensure compliance with the Notice of Termination (NOTs) submittals.
- Providing oversight inspections for Construction projects, particularly tracking and implementing Storm Water Multi Application and Report Tracking System (SMARTS) requirements.
- Preparing and submitting IC/ID Reports for Construction projects to the District NPDES Branch Chief.
- Representing the District for the Construction Storm Water Advisory Team (CSWAT) meetings.
- Ensuring that all enforcement actions or corrections requested by the RWQCB are promptly implemented and documented.
- Assisting Construction Resident Engineers with navigating through SMARTS.
- Participating in the Construction to Maintenance 90% walkthrough and handoff for projects incorporating permanent stormwater treatment facilities.
- Providing information for the District's construction portion of the District Work Plan and Annual Report input.

Landscape Architecture Coordinator

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

- Coordinating landscape plans for projects.
- Participating in an SWDR review for District projects.
- Point of contact for Construction and Maintenance related to landscape issues.

Encroachment Permit Coordinator

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

- Act as a liaison between permit applicants and stormwater staff to ensure that permits comply with the Caltrans NPDES Permit.
- Provide information for the District's construction portion of the District Work Plan and Annual Report.

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/Stormwater Branch Chief	(619) 688-3626	carl.savage@dot.ca.gov	Primary contact for all District NPDES/Stormwater issues. Oversees the District NPDES/Stormwater unit and coordinates with the other functional units within the District.
Lauren Kempt	Environmental Construction Liaison	(619) 688-0222	Lauren.Kempt@Dot.ca.gov	Assists the environmental compliance staff with overseeing construction activities with various permits.
Terry Kloefer	Maintenance Stormwater Coordinator	(619)688-3329	terry.kloefer@dot.ca.gov	Liaison between Maintenance field crews and District Stormwater Coordinators. Inspects Maintenance Facilities.
Chuck Deyoe	Construction Stormwater	(858) 467-4089	chuck.deyoe@dot.ca.gov	Assists Resident Engineers with review of SWPPP and WPCP, liaison between field construction and the District NPDES/Stormwater Coordinator.
Tim Mann	Landscape Architecture	(619)688-4255	Tim.Mann@dot.ca.gov	Participates in a SWDR review for District projects.
Joy Lee	Encroachment Permit	(619)688-3276	Joy.Lee@dot.ca.gov	Liaison between permit applicant and Stormwater staff.

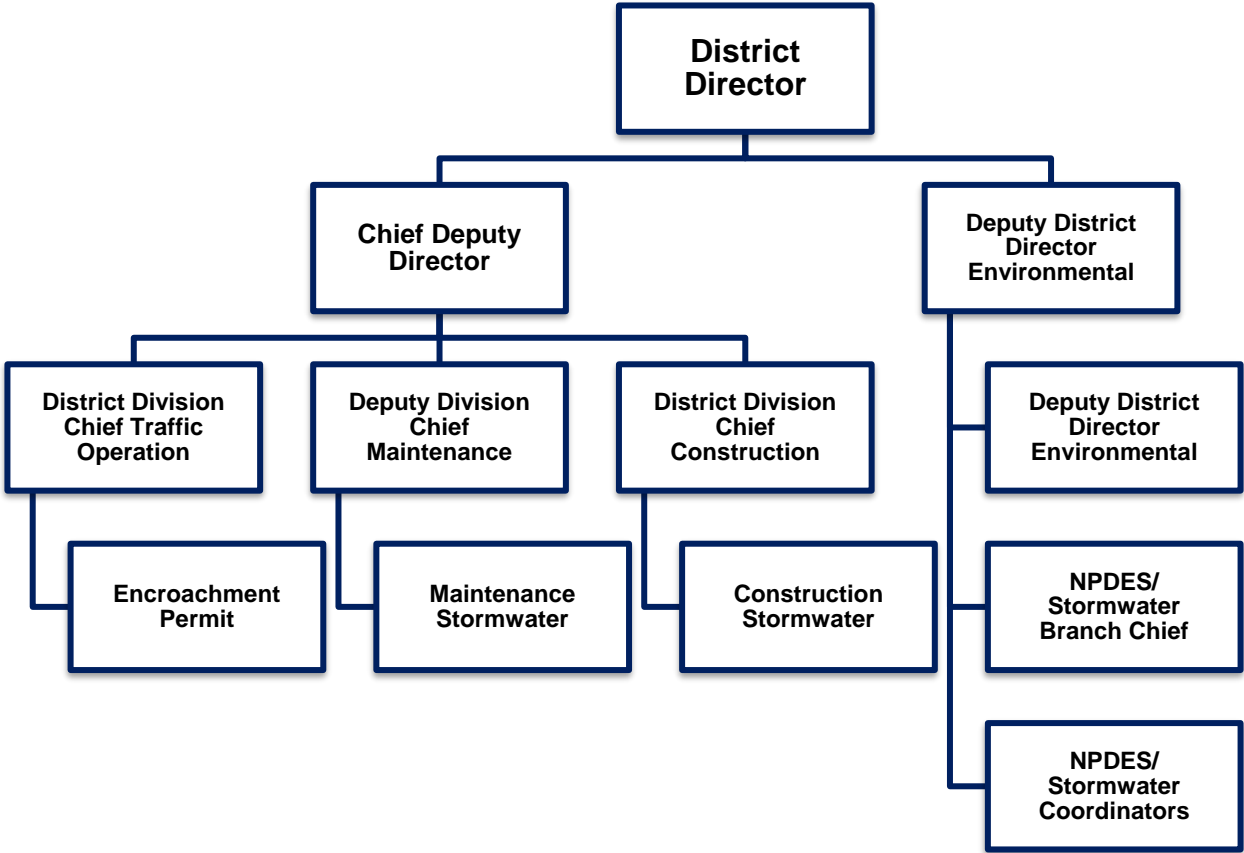
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes a delegation of signatory authority for key conformed NPDES 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	cory.binns@dot.ca.gov	All District Documents, Legally Responsible Person (LRP) for CGP.
Deputy District Director, Environmental	(619) 688-0100	bruce.april@dot.ca.gov	All District Documents except District Work Plan.
NPDES/Stormwater Branch Chief	(619) 688-3626	carl.savage@dot.ca.gov	All District Documents except District Work Plan.
Construction Stormwater	(858) 467-4089	chuck.deyoe@dot.ca.gov	Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Incident Report Form.
Maintenance Stormwater	(619) 688-3329	terry.kloefer@dot.ca.gov	Notice and Report of Non-Compliance, Report of IC/ID, Incident Report Form and 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



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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 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.

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
Route 15	San Diego	9	Lake Hodges	Lake Hodges is a lake and reservoir located about 31 miles north of San Diego and just south of Escondido. When full, the reservoir has 1,234 acres, a maximum water depth of 115 feet, and 27 miles of shoreline. The owner of lake Hodges is City of San Diego.	No projects are planned within this facility in the upcoming year.

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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
8 PM 82/83.98	IMP	Colorado River Basin Region 7	Salton Sea/Colorado River	Slope stabilization to maximum extent practicable, due to reoccurring windblown dune sand. Removal of sand from travel way is on as needed basis.
78 PM 35/62	IMP	Colorado River Basin Region 7	Salton Sea/Colorado River	Slope stabilization to maximum extent practicable, due to reoccurring windblown dune sand and sudden flash flooding. Removal of dune sand and debris from flooding as needed basis
78 PM 73/77.5	IMP	Colorado River Basin Region 7	Salton Sea/Colorado River	Slope stabilization to maximum extent practicable, due to reoccurring and sudden flash flooding. Removal of debris from flooding as needed basis.
5 PM 47.1	SD	San Diego Region 9	San Dieguito River	Mulch applied 04/2018
76 PM 21.44/46.5	SD	San Diego Region 9	San Luis Rey River	Slope stabilization to maximum extent practicable, due to reoccurring and sudden flash flooding and snow melt. Removal of debris from flooding as needed basis.
78 PM 60/81	SD	San Diego Region 9	San Dieguito River	Slope stabilization to maximum extent practicable, due to reoccurring and sudden flash flooding and snow melt. Removal of debris from flooding as needed basis.

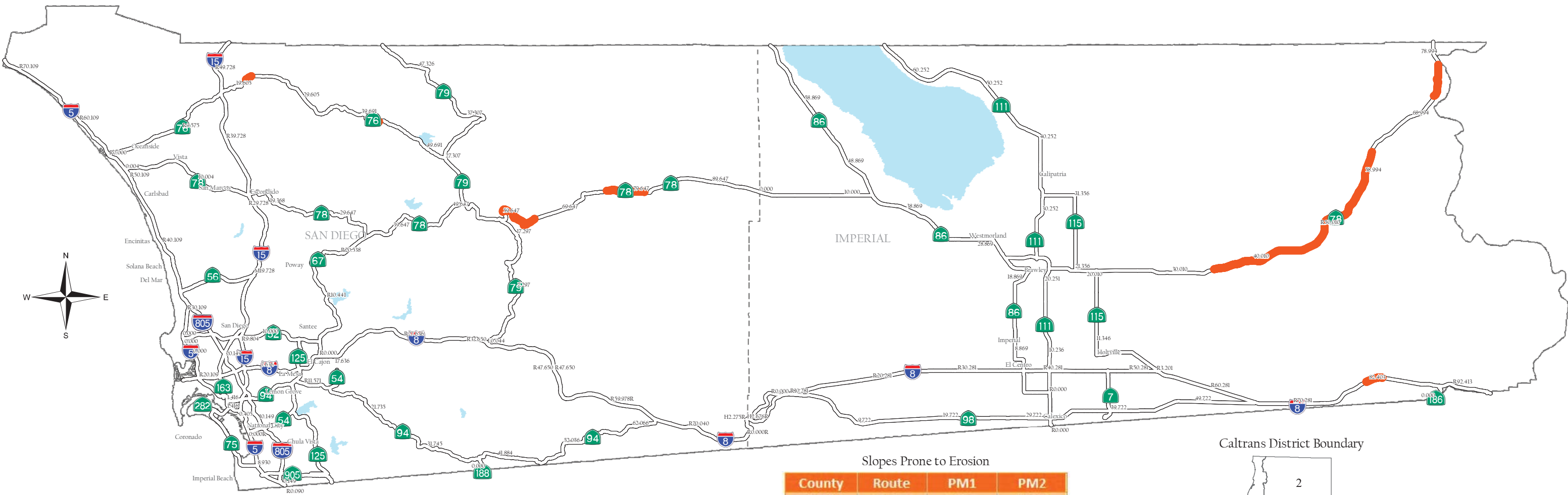
Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 11 in 2018, including rock cut slopes, landslides, and moderate soil erosion.

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District 11

California State Highway System 2018 Areas Prone to Erosion

- Areas Prone to Erosion
- County Boundary
- Water Feature



NOTE:
Map indicates locations of areas of prone to erosion across 3 consecutive fiscal years. The data presented comes from the IMMS database.

This map was developed for informational purposes only. While the data has been examined for general accuracy, Caltrans disclaims any responsibility for the accuracy or correctness of the data. In no event shall Caltrans become liable to users of this map, or to any other party, for any loss or damages consequential or otherwise arising from the use of this map product.

Slopes Prone to Erosion

County	Route	PM1	PM2
IMP	8	82	83.98
IMP	78	35	62
IMP	78	73	77.5
SD	5	47.1	47.1
SD	76	21.44	46.5
SD	78	60	81

Caltrans District Boundary



State of California
Department of Transportation
Division of Maintenance GIS
July 19, 2018

Figure 5-1

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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), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

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

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

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

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

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Table 6-1: District 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	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) ⁶	Post-Construction Treatment Control Type, Quantity ⁷	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ⁸											PA&ED Date	PS&E Date	Start Date	End Date
1	11-2N0181	SD	79	0	20.2	9	Rubberized Bonded Wearing Course Overlay	Loveland Creek, Cuyamace Creek	-	-	-	0	0	0	WPCP	-	-	7/14/17	5/1/18	10/1/18
2	11-2T3301	SD	805	24.7	27.6	9	Landscape & Plant Establishment Follow-Up	Los Penasquitos Creek, Carmel Valley Creek	-	-	-	2.2	0	0	SWPPP	-	-	7/14/17	4/1/18	4/1/22
3	11-2N0121	SD	8	2.4	52.3	9	Ramp Rehabilitation	San Diego River, El Capitan, Sweetwater River, Tijuana River	-	-	-	0	0	0	WPCP	-	-	7/17/17	3/29/18	10/16/18
4	11-2N0141	SD	Various	Various	Various	9	PCC Slab Replacement	San Diego River, Alvarado Creek, Rose Creek, Miramar Reservoir, Los Penasquitos Creek, San Diego Bay	-	-	-	0	0	0	WPCP	-	-	7/26/17	4/1/18	10/16/18
5	11-2N0211	SD	5	10.8	62.1	9	Ramp Rehabilitation, RHMA Overlay	Los Penasquitos	-	-	-	0	0	0	WPCP	-	-	08/01/17	3/29/18	10/16/18
6	11-173700	SD	805	2.6	3.3	9	Interchange Improvements	Otay River	-	-	-	10.7	3.42	32%	SWPPP	1 Bio Swale	8/9/17	-	10/1/19	6/1/22
7	11-2N0191	SD	67	13.6	24.4	9	Bonded Wearing Course	Los Coaches Creek, Poway Creek	-	-	-	0	0	0	WPCP	-	-	08/11/17	7/1/18	11/1/18
8	11-2N0021	SD	79	31.31	41.96	9	Bridge Maintenance	San Luis Rey River	-	-	-	0.2	0	0	WPCP	-	-	8/16/17	1/8/18	3/16/18
9	11-2N0111	IMP	86	0	8.81	7	Place Micro Surfacing & RHMA	Brawley	-	-	-	0	0	0	WPCP	-	-	8/30/17	3/1/18	9/1/18
10	11-2N0201	SD	76	17.5	52.3	9	Pavement Rehabilitation	San Luis Rey River	-	-	-	0	0	0	WPCP	-	-	9/6/17	8/29/18	3/26/19
11	11-2N0151	SD	15	0.4	20	9	Restripe all Delineation	Chollas Creek	-	-	-	0	0	0	WPCP	-	-	9/13/17	3/20/18	9/28/18
12	11-2N0161	SD	15	20	54.3	9	Restripe all Delineation	Los Penasquitos Creek, Poway Creek	-	-	-	0	0	0	WPCP	-	-	9/13/17	3/20/18	9/28/18
13	11-080281	IMP	98	32.1	32.5	7	Widening & AC Rehabilitation	Alamo River	-	-	-	0.85	0.65	-	WPCP	-	-	9/19/17	4/6/20	11/5/20
14	11-2N0281	SD	5	0.3	29.5	9	Remove and Replace Stripe Delineation	Chollas Creek, Los Penasquitos Creek, Mission Bay, Paleta Creek, Poggi Canyon Creek, Rose Creek, San Diego River, Switzer Creek, Sweetwater River, Telegraph Canyon Creek, Tijuana River	-	-	-	0	0	0	WPCP	-	-	9/20/18	4/1/18	10/31/18
15	11-2N0291	SD	5	29.5	72.4	9	Remove and Replace Stripe Delineation	Agua Hedionda Creek, Batiquitos Lagoon, Buena Vista Creek, Buena Vista Lagoon, Cottonwood Creek, Encinitas Creek, Loma Alta Creek, Los Penasquitos Creek, San Luis Rey River, San Marcos Creek, Soledad Canyon	-	-	-	0	0	0	WPCP	-	-	9/20/17	4/1/18	10/31/18
16	11-420101	SD	5	26	26.8	9	Auxiliary Lane	Mission Bay, Rose Creek	-	-	-	1.7	0.4	-	SWPPP	1 Bio Swale	3/22/17	9/28/17	3/1/19	3/1/20
17	11-2N0101	IMP	98	32.4	35.7	7	RHMA Overlay	Imperial Valley Drain, New River, Alamo River	-	-	-	0	0	0	WPCP	-		10/2/17	3/1/18	9/1/18
18	11-2N0221	SD	78	21.4	60.3	9	RHMA Overlay	San Luis Rey River, Cloverdale Creek	-	-	-	0	0	0	WPCP	-		10/3/17	5/1/18	10/1/18

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 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 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.

⁷ 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.

⁸ Regional Board

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	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) ⁶	Post-Construction Treatment Control Type, Quantity ⁷	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ⁸											PA&ED Date	PS&E Date	Start Date	End Date
19	11-2N0091	IMP	98	39.60	45.20	7	RHMA Paving	Alamo River, Imperial Valley Drain	-	-	-	0	0.52	0	WPCP	-	-	10/05/17	03/20/18	07/12/18
20	11-424501	SD	94	4.93	5.27	9	Interchange Improvement	Chollas Creek	-	-	-	2.8	0.4	0	SWPPP	-		10/6/17	10/1/17	7/1/18
21	11-2N0131	IMP	86	20.4	28	7	RHMA Overlay	New River	-	-	-	0.1	0	0	WPCP	-	-	10/11/17	2/22/18	9/20/18
22	11-2N0301	IMP	8	74.5	83.1	7	RHMA Paving	Colorado River	-	-	-	0	0	0	WPCP	-	-	10/25/17	4/15/18	12/30/18
23	11-421201	SD	52	13.30	14.8	9	Median Barrier	Forester Creek	-	-	-	0.95	0	0	WPCP	-	1/23/17	10/25/17	6/20/19	12/12/19
24	11-418001	SD	94	8.30	13.8	9	Outer Separation Barrier	Rice Canyon, Sweetwater River	-	-	-	0.4	0	0	WPCP	-	11/22/16	11/1/17	11/13/18	5/23/19
25	11-424401	SD	Various	Various	Various	9	High Friction Surface Treatment	Buena Vista Lagoon, Buena Vista Creek, Escondido Creek, San Diego River	-	-	-	0.4	0	0	WPCP	-	4/11/17	11/8/17	10/1/18	4/30/19
26	11-2N0071	SD	805	2.9	10	9	PCC Slab Repair/Replace	Lower Sweetwater River, San Diego Bay Shoreline	-	-	-	0	0	0	WPCP	-	-	11/8/17	7/1/18	12/1/18
27	11-406801	SD	8	1.14	1.56	9	West Mission Bay Drive Bridge (Administered by City of San Diego)	San Diego River	-	-	-	4.2	1.14	100%	SWPPP	Other, 3 Bio Retention Basin	-	11/29/17	2/1/18	8/1/21
28	11-420801	SD	15	Various	Various	9	Remove/Replace Changeable Message Signs	San Diego River, Los Penasquitos Creek	-	-	-	0.1	0	0	WPCP	-	10/26/16	12/12/17	11/25/18	2/27/19
29	11-419901	SD	805	27.1	28.9	9	Pavement Rehabilitation	Carroll Canyon Creek, Soledad Canyon Creek, Los Penasquitos Lagoon	-	-	-	0	0	0	WPCP	-	-	12/26/17	1/1/19	10/1/20
30	11-411320	SD	8/15	Various	Various	9	Roadside Safety Improvement	Lower San Diego River, Alvarado Creek, Murray Reservoir	-	-	-	1.03	1.01	TBD	SWPPP	TBD	1/9/18	-	10/18/19	3/18/20
31	11-411340	SD	8/125	Various	Various	9	Roadside Safety Improvement	Lower San Diego River, Alvarado Creek, Murray Reservoir	-	-	-	1.57	1.4	TBD	SWPPP	TBD	1/22/18	-	9/20/19	5/13/20
32	11-430181	SD	805	8.4	8.8	9	Sweetwater Bridge Upgrade	Sweetwater River	-	-	-	7.84	0.34	0	SWPPP		-	1/24/18	2/4/19	12/2/22
33	11-425701	SD	5	33.9	34.4	9	Signing, Striping & Roadway Widening	Poway Creek	-	-	-	1.49	0.34	0	SWPPP		-	1/24/18	2/1/18	12/1/19
34	11-411310	SD	8/805	Various	Various	9	Roadside Safety Improvement	Lower San Diego River	-	-	-	1.11	1.11	TBD	SWPPP	TBD	2/1/18	-	10/18/19	10/3/22
35	11-398001	IMP	86	1.6	1.6	7	ADA Improvement	Imperial Valley Drain	-	-	-	0.08	0	0	WPCP	-	-	2/12/18	5/1/18	6/1/18
36	11-416601	SD	94	29.5	29.7	9	Safety Curve Improvement & Shoulder Widening	Dulzura Creek	-	-	-	1.66	0.31	0	SWPPP	-	9/24/14	2/21/18	10/1/18	6/1/19
37	11-419501	SD	Various	Various	Various	9	Pavement Rehabilitation	Rose Canyon, San Diego River	-	-	-	1.74	0	0	SWPPP	-	5/8/15	3/1/18	1/2/19	12/31/19
38	11-417400	SD	78	2.5	2.7	9	Slope Erosion Repair	Buena Vista Creek	-	-	-	2.17	0	0	SWPPP	-	3/12/18	-	5/30/19	12/9/22
39	11-417500	SD	5	34.8	35.2	9	Stormwater Mitigation	San Dieguito River, San Dieguito Lagoon	-	-	-	1.45	0	0	SWPPP	1 Detention Basin	4/10/18	-	1/31/20	7/7/23
40	11-2N0411	IMP	115	8.8	11.4	7	Place Mirco-Surfacing	New River	-	-	-	0	0	0	WPCP	-	-	4/19/18	6/3/19	9/3/19
41	11-2M0021	SD	Various	Various	Various	9	Bridge Deck Rehabilitation	Various	-	-	-	0	0	0	WPCP	-	-	4/24/18	3/1/19	7/31/19
42	11-420600	IMP	115	10.4	14.4	7	Drainage System Restoration	Alamo River	-	-	-	0.17	0	0	WPCP	-	5/2/18	-	9/12/19	1/31/20

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	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) ⁶	Post-Construction Treatment Control Type, Quantity ⁷	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB ⁸											PA&ED Date	PS&E Date	Start Date	End Date
43	11-42050	IMP	78	72.1	73.8	7	Drainage System Restoration	Colorado River	-	-	-	0.39	0	0	WPCP	-	2/1/18	5/21/18	9/5/19	1/21/20
44	11-411101	SD	94/125	Various	Various	9	Roadside Safety Improvement	Sweetwater River	-	-	-	1.32	0	0	SWPPP	-	12/5/16	5/25/18	7/5/18	5/17/21
45	11-2N0391	IMP	Various	Various	Various	7	Cold-in-Place Recycle	New River	-	-	-	0	0	0	WPCP	-	-	5/29/18	1/1/19	8/30/19
46	11-2N0031	SD	Various	Various	Various	9	Bridge Methacrylate	Various	-	-	-	0	0	0	WPCP	-	-	5/30/18	3/30/19	9/30/19
47	11-422110	SD	8	25.1	40.1	9	Drainage System Restoration	Los Coches Creek, Alpine Creek, Viejas Creek, Pine Valley Creek	-	-	-	2.5	0	0	SWPPP	-	6/5/18	-	10/24/19	1/25/21
48	11-2E1511	SD	56	3.6	3.6	9	Habitat Restoration, Deer Canyon East Mitigation site	Deer Canyon Creek	-	-	-	7.9	0	0	SWPPP	-	-	6/7/18	9/1/18	9/1/19
49	11-420300	SD	52	0.4	14.8	9	Rumble Stripe, Upgrade End Treatment	San Diego River	-	-	-	0.55	0	0	WPCP	-	6/12/18	-	6/1/20	2/8/21
50	11-411330	SD	8	6	11.5	9	Roadside Safety Improvement	Lower San Diego River, Alvarado Creek	-	-	-	4.2	0.92	0	SWPPP	-	3/13/18	-	7/17/20	9/26/22
51	11-2E0051	SD	5	44.1	44.1	9	Habitat Restoration, La Costa Mitigation Site	Batiquitos Lagoon	-	-	-	0	0	0	WPCP	-	-	6/15/18	9/1/18	6/30/19
52	11-418200	SD	78	38.9	46.8	9	Culvert Replacement	Lower Santa Ysable Creek	-	-	-	0.58	0	0	WPCP	-	6/18/18	-	10/1/19	2/1/20
53	11-427500	SD & IMP	Various	Various	Various	9&7	Fiber Optic Lines	Tijuana River, Paradise Creek, Telegraph Canyon Creek, Paleta creek, Chollas Creek, San Diego Bay, New River, Imperial Valley Drain	-	-	-	0.9	0.04	0	WPCP	-	6/28/18	-	8/1/20	4/30/22
54	11-2T2181	SD	5	38.4	47.3	9	Construct HOV Lanes	San Elijo Lagoon, Cottonwood Creek, Batiquitos Lagoon	-	-	-	107.4	23.64	11.7	SWPPP	28 Bio Infiltration Strip 1 Other (Underground Infiltration System)	This SWDR is a combination of two Projects. 2T1711 (11/16/15) 2T2111 (11/17/15)	6/28/18	10/2/18	9/28/22
55	11-2E0401	SD	905	7.3	7.3	9	Habitat Restoration, Anderprised Phase 2 Mitigation Site	Spring Canyon Creek	-	-	-	7.3	0	0	SWPPP	-	-	6/28/18	6/28/18	11/30/19

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* 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.)

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

Table 6-2: District 11 Anticipated Significant Road Maintenance Activities

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

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* 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.)

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, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

¹¹ 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.

¹² 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 monitoring activities.

Table 6-3: District 11 Monitoring Activities

Statewide Monitoring Program Activities
<p>The District plans to:</p> <ul style="list-style-type: none"> • Chollas Creek: <ul style="list-style-type: none"> ○ Continue implementing the monitoring plan for Chollas Creek for Dissolved Copper, Lead and Zinc TMDLs. ○ Characterize Caltrans' discharges to Chollas Creek. ○ Demonstrate compliance toward achieving waste load allocations (WLAs) identified in the TMDL. ○ Conduct post-construction monitoring in areas where treatment BMPs have been implemented. • Rainbow Creek: <ul style="list-style-type: none"> ○ Reduce the frequency of further monitoring to every five years based on direction from the San Diego RWQCB (Region 9). ○ The next monitoring period will be October 1, 2020 to September 30, 2021, and the next monitoring report will be submitted to the San Diego RWQCB on January 31, 2022.
<i>ASBS Core Monitoring Sites</i>
<ul style="list-style-type: none"> • District sites include the following: <ul style="list-style-type: none"> ○ NA
<i>ASBS Ocean Receiving Water and Reference Monitoring Sites</i>
<ul style="list-style-type: none"> • District sites include the following: <ul style="list-style-type: none"> ○ NA

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7 Region-Specific Activities

Section 7 of the DWP identifies the applicable region-specific activities that District 7 has planned for the fiscal year 2019-20 to comply with Attachment V of the Conformed NPDES Permit. Region-specific requirements are not applicable to District 11.

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8 DWP Noncompliance and Improvements

Section 8 of the DWP identifies the deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP. In addition, it describes the improvements that were performed in response to the incidents of noncompliance. No DWP noncompliance incidents or improvements were identified for District 11.

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