

**California Department of Transportation
Stormwater Management Program
District 2 Work Plan**

Fiscal Year

2013–2014

CTSW-RT-13-286.12.1



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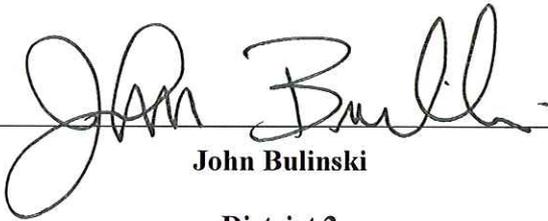
<http://www.dot.ca.gov/hq/env/stormwater>

April 1, 2013

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**California Department of Transportation
District 2 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)]



John Bulinski

District 2

3/6/13
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 2'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

- Provide a safe, collaborative and healthy environment for our employees and customers;
- Improve the safety of our transportation network for users and workers;
- Identify opportunities and manage appropriate risks to empower and encourage innovation, improve efficiency and quality, and streamline delivery of our products and services;
- Develop, foster and strengthen cooperative working relationships with our internal and external partners and stakeholders;
- Cultivate customer service and teamwork;
- Promote staff development to improve the abilities and satisfaction of our workforce;
- Manage the core transportation activities in the District to ensure we are good stewards of our human, financial and environmental resources; and
- Recognize and celebrate our achievements, acknowledge and learn from our mistakes and our successes.

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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 Coordinator

Under the supervision of the North Region Chief Environmental Engineer, the NPDES Coordinator is the lead overseeing the implementation of the Stormwater Management Plan (SWMP) in the District. The NPDES Coordinator serves as a liaison with Headquarters Water Quality Program and Regional Water Quality Control Board personnel.

Other NPDES Coordinator tasks include:

- Provides guidance on applicable stormwater regulatory requirements and policies.
- Responds to Notices of Violation (NOVs) and/or enforcement actions issued by the RWQCBs.
- Statewide SWMP implementation point of contact.
- Distributes new stormwater information to coordinators from other functional units.
- Responds to public inquires made to the District regarding stormwater management issues.
- Confirms stormwater related forms and other compliance documents are submitted to RWQCBs.
- Prepares project Water Quality Evaluations.
- Assists the Environmental Unit in obtaining other general and individual NPDES permits (i.e., dewatering).
- Reports the District's response to illicit connections/illegal discharges (IC/IDs) and non-permitted non-stormwater discharges.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating relevant SWMP needs to Maintenance personnel. Maintenance Coordinators serve as points of contact for all Maintenance stormwater program inquiries. The Maintenance Coordinator is responsible for specific tasks, including:

- Review, monitor, and evaluate BMP implementation and effectiveness for Maintenance activities.
- Coordinate stormwater training for District Maintenance personnel.
- Submit Vegetation Control Plan (VCP) to the Regional Water Boards.
- Conduct Facility Pollution Prevention Plan (FPPP) inspections and prepare FPPPs.
- Represent Maintenance in the Maintenance Stormwater Advisory Team (MSWAT) meetings.
- Administer the vegetated slope inspection program.
- Respond to IC/IDs.
- Participate in construction contract acceptance review.
- Review and comment on draft stormwater permits.

- Review long form SWDRs to ensure compliance with Maintenance requirements and maintainability of stormwater control measures after construction has been completed.

Construction Coordinator

The Construction Coordinator serves as the point of contact for all Construction Program stormwater inquiries. The Construction Coordinator is responsible for conducting inspections to assist Resident Engineers in ensuring that stormwater controls are implemented on construction sites. Other tasks include:

- Reviewing Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Compliance Program (WPCP) documents for adequacy.
- Helping coordinate stormwater training for Construction personnel.
- Reviewing Plans and Specifications and providing stormwater-related comments.
- Conveying new regulatory requirements to Construction personnel.

Public Affairs Coordinator

The Public Affairs Coordinator organizes and participates in conducting “Don’t Trash California” campaign activities in District 2. This includes planning public outreach targeting a diverse portion of the population, and coordinating with local groups to arrange campaign presentations and activities.

Encroachment Permits Coordinator

Encroachment Permit Coordinators serve as points of contact for all encroachment permit stormwater program inquiries. The Encroachment Permits Coordinator ensures external projects conducted within the Department’s right of way meet SWMP requirements.

Landscape Architecture Coordinator

The Landscape Architecture Coordinator is responsible for planning and recommending temporary and permanent sediment source control BMPs for construction projects. Landscape architects also sign SWDRs.

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

Table 2-1: District 2 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
David Melendrez	Chief, North Region Office of Environmental Engineering-North	(707) 445-5201	david_melendrez@dot.ca.gov	Oversees Office of Environmental Engineering-North within Districts 1 and 2
Cristian Lavric	District NPDES Stormwater Coordinator	(530) 225-2233	cristian_lavric@dot.ca.gov	Primary contact for all District 2 NPDES stormwater issues
Wesley Faubel	Design Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance with SWMP

Staff Name	Title	Phone No.	E-mail	Responsibility
Brian Adams	North Region Construction Stormwater Coordinator-North Area	(530) 356-8652	brian_adams@dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs
Jeff Steffan	District Maintenance Stormwater Coordinator	(530) 225-3058	jeff_steffan@dot.ca.gov	Provides maintenance BMP selection guidance and implementation, monitors for compliance with SWMP
Fred Chaffin	District Encroachments Permits Stormwater Coordinator	(530) 225-3082	fred_chaffin@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees
Ron Flory	Landscape Architecture	(530) 225-3109	ron_flory@dot.ca.gov	Provides guidelines for implementing erosion control measures at construction project sites

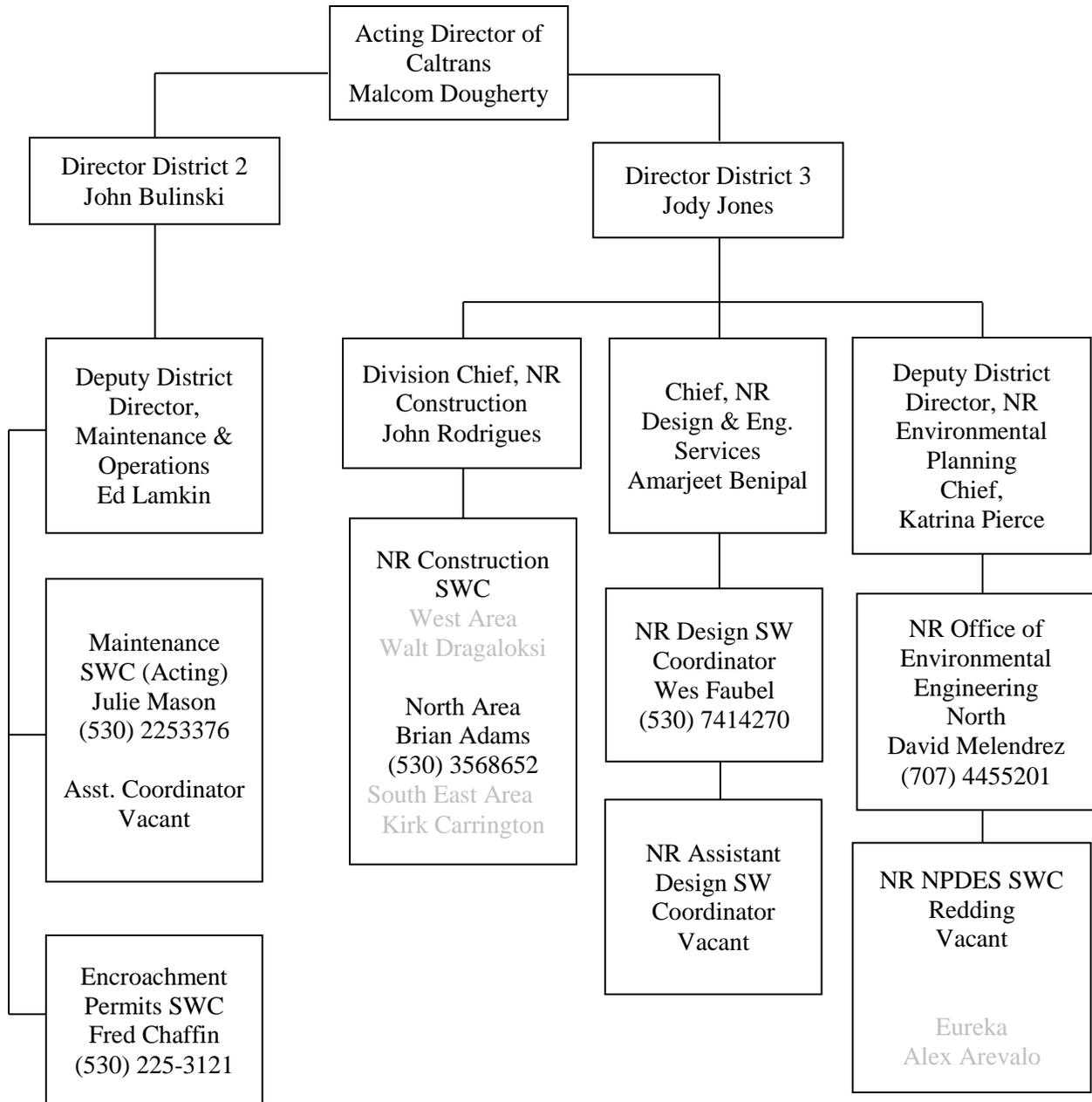
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater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

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

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
John Bulinski	(530) 225-3477	john_bulinski@dot.ca.gov	All District Documents
David Melendrez	(707) 445-5201	david_melendrez@dot.ca.gov	All District Documents except District Work Plan
Brian Adams	(530) 356-8652	brian_adams@dot.ca.gov	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Jeff Steffan	(530) 225-3058	jeff_steffan@dot.ca.gov	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Fred Chaffin	(530) 225-3121	fred_chaffin@dot.ca.gov	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Construction Engineers and Resident Engineers	-	-	SWPPPs, Notice and Report of Non- Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Facility Supervisors	-	-	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 2 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 2 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 2 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
44/49.2	Shasta County	5	Manzanita Creek	Water for Lassen VNP – Manzanita Lake	1.5 miles to facility
151/0.0	Shasta County	5	Shasta Lake Intake	Water for City of Shasta Lake	0.3 miles to facility
299/16.7	Shasta County	5	Whiskeytown Lake Intake	Water for Centerville C.S.D.	1.3 miles to facility
3/54.2	Siskiyou County	1	Lake Shastina – Treatment Plant	Water for City of Montague	-
3/8.2	Trinity County	1	Hayfork – Ewing Reservoir	Water for Trinity Co. W.W. District #1	-

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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 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 2 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						Co.	Route	Begin PM	End PM
1	0E860	SIS	3	48.4	48.4	1	Drainage repair	Yreka Creek	NA	NA	E	01-Jun-08	NA	NA	NA
2	3C920	SIS	5	50.6	52.1	1	Seismic retrofit	Shasta River	N	NA	E	30-Jun-11	15-Dec-11	15-Aug-12	01-Dec-16
3	2E800	SIS	5	R7.2	R7.2	1	Upgrade comm. vehicle enforcement station	NA	N	0.0	E	15-Mar-12	21-Jun-13	15-May-14	02-Jun-14
4	3E730	SIS	5	68.3	68.3	1	Hilt Road overcrossing deck replacement	NA	N	0.0	E	15-Apr-14	31-Jan-15	15-Oct-15	16-May-17
5	3E750	SIS	5	19	25.3	1	Roadway rehabilitation	Shasta River	N	3.0	E	12-Jan-11	-	16-Dec-11	15-Nov-14
6	3E760	SIS	5	51.2	58.1	1	Pavement rehabilitation	Shasta River, Klamath River	N	70	E	15-Feb-11	-	16-Dec-11	15-Nov-14
7	4E650	SIS	96	Var	Var	1	Bridge-rail upgrade (4 bridges)	NA	N	0.0	E	30-Sep-12	31-Aug-13	01-Mar-14	01-Dec-15
8	0E840	SIS	3	47.7	48.5	1	Install left turn lane	Yreka Creek	N	NA	E	12-Sep-11	-	13-Dec-12	13-Dec-13
9	0E860	SIS	3	48.4	48.4	1	Drainage repair	Yreka Creek	NA	NA	E	01-Jun-08	NA	NA	NA
10	3C920	SIS	5	50.6	52.1	1	Seismic retrofit	Shasta River	N	NA	E	30-Jun-11	15-Dec-11	15-Aug-12	01-Dec-16

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 2 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						Co.	Route	Begin PM	End PM
11	2E800	SIS	5	R7.2	R7.2	1	Upgrade comm. vehicle enforcement station	NA	N	0.0	E	15-Mar-12	21-Jun-13	15-May-14	02-Jun-14
12	3E730	SIS	5	68.3	68.3	1	Hilt Road overcrossing deck replacement	NA	N	0.0	E	15-Apr-14	31-Jan-15	15-Oct-15	16-May-17
13	3E750	SIS	5	19	25.3	1	Roadway rehabilitation	Shasta River	N	3.0	E	12-Jan-11	-	16-Dec-11	15-Nov-14
14	3E760	SIS	5	51.2	58.1	1	Pavement rehabilitation	Shasta River, Klamath River	N	70	E	15-Feb-11	-	16-Dec-11	15-Nov-14
15	4E650	SIS	96	Var	Var	1	Bridge-rail upgrade (4 bridges)	NA	N	0.0	E	30-Sep-12	31-Aug-13	01-Mar-14	01-Dec-15
16	2C950	SIS	96	0.0	12	1	Restore drainage	Klamath River	Y	5.2	E	13-Jul-09	14-Oct-10	30-Dec-11	02-Dec-13
17	3E070	SIS	96	23.2	105	1	Replace and rehabilitate culverts	Klamath River	N	NA	E	05-Aug-11	-	01-Jul-12	31-Jan-13
18	3E080	SIS	96	68.9	68.9	1	Shoulder widening/construct retaining wall	Klamath River	NA	NA	E	01-Jan-12	-	05-Jun-12	01-Nov-14
19	0E440	SIS	97	2.5	2.9	1	Turn lane	NA	N	NA	E	12-Sep-11	-	13-Dec-12	13-Dec-13
20	1E080	SIS	97	24.1	34.6	1	Asphalt concrete overlay	Klamath River	N	11.7	E	19-Jan-10	-	24-Jan-11	02-Jan-13

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
21	4C960	TRI	3	7.1	7.7	1	Bike Lane/Shoulder Widening	Hayfork Creek/Trinity River [303(d)]	N	1.9	E	31-Jan-11	-	23-Aug-12	13-Oct-14
22	2C990	TRI	3	68.5	70.7	1	Scour Retrofit and Bridge Replacement	Upper Trinity River [303(d)]	Y	3.1	E	03-Apr-09	18-Feb-10	15-Mar-11	01-Dec-13
23	3E710	TRI	36	30.4	30.7	1	Curve improvement	NA	NA	NA	E	06-Jan-12	05-Feb-13	15-Jul-13	14-Oct-14
24	3E820	TRI	299	36.6	36.8	1	Curve widening	Trinity River [303(d)]	NA	1.1	E	18-Oct-11	-	01-Jul-12	15-Oct-13
25	2E350	TRI	299	0.5	0.8	1	Curve improvement	Trinity River [303(d)]	NA	NA	E	16-May-11	16-Jul-12	11-Dec-12	21-Feb-14
26	3E790	TRI	299	12.3	12.7	1	Collins Curve Improvement	Trinity River [303(d)]	NA	NA	E	16-Apr-13	20-Sep-13	04-Aug-14	14-Jan-17
27	2E200	TRI	299	19.2	19.6	1	Improve super elevation, widen shoulders	Trinity River [303(d)]	N	0.90	E	06-May-10	20-Apr-11	28-Sep-11	14-Jan-13
28	37430	TRI	299	23.3	23.3	1	French Creek Bridge	Big French Creek, Lower Trinity River [303(d)]	N	0.25	E	25-May-10	15-Sep-11	04-May-12	05-Jul-13
29	4E310	TRI	299	45.5	46.2	1	Poison Pond Curve Improvement	Trinity River [303(d)]	NA	NA	E	28-Jan-13	-	18-Dec-13	02-Jan-14
30	0E020	TRI	299	68.0	68.2	1	Construct fish ladder	Little Grass Valley Creek	Y	NA	E	17-Jan-12	-	15-Feb-13	01-Aug-13

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
31	4E340	LAS	147	0.5	1.2	5	Full Depth Pavement Reclamation	NA	N	NA	E	15-May-12	-	08-May-13	01-Jul-14
32	1E060	MOD	139	23.2	23.2	5	Install closed-circuit television camera (CCTV) and Road Weather Information System (RWIS)	NA	N	NA	E	13-Jan-12	15-Aug-12	25-Jun-13	15-Oct-14
33	4E440	MOD	139	14.7	34.0	5	Pavement maintenance	NA	N	NA	E	17-Jul-14	13-May-15	17-Mar-16	17-Jul-17
34	2C221	MOD	299	3.2	3.5	5	Bridge scour	North Fork Ash Creek	Y	0.7	E	15-Mar-10	09-Feb-11	30-Aug-11	14-Nov-14
35	1E000	MOD	299	22.4	22.4	5	Install highway advisory radio	NA	N	NA	E	12-Oct-12	13-Jun-13	03-Apr-14	14-Oct-15
36	3E690	MOD	299	35.9	36.2	5	Shoulder widening	NA	NA	2.26	E	15-Jan-12	15-Aug-12	15-Apr-13	15-Nov-14
37	29971	MOD	299	39.3	40.6	5	Widen to three lanes	Pit River	NA	NA	E	21-Jul-12	15-May-13	01-Mar-14	10-Jul-15
38	3C300	PLU	70	0.1	35.1	5	Install metal beam guardrail (MBGR)	Feather River [303(d)]	NA	1.5	E	09-Mar-11	24-Oct-11	06-Jul-12	01-Oct-15
39	1C750	PLU	70	14.9	14.9	5	Bridge replacement	Yellow Creek	NA	NA	E	01-Apr-13	19-Dec-13	22-Aug-14	04-Jan-18
40	4E350	PLU	70	19.0	19.1	5	Repair slipout	NA	NA	NA	E	15-May-12	-	08-May-13	01-Jul-14
41	4E360	PLU	70	23.8	23.9	5	Armor 200 ft of embankment in river	North Fork Feather River	NA	NA	E	15-May-12	-	08-May-13	01-Jul-14

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
42	37310	PLU	70	35.1	35.5	5	Replace Spanish Creek Bridge	Spanish Creek	Y	10.8	TST, 2	30-Dec-08	03-Aug-09	18-May-10	15-Jan-15
43	2C090	PLU	70	50.9	51.7	5	Replace bridge deck	Spring Garden	N	NA	E	07-Dec-12	19-Aug-13	29-Apr-14	04-Jan-18
44	2C224	PLU	89	7.76	8.57	5	Middle Fork Feather River Br Scour	Middle Fork Feather River	Y	NA	E	30-Jun-10	09-Nov-10	30-Aug-11	04-Jan-13
45	4E330	PLU	89	15.7	15.7	5	Wetland mitigation	Indian Creek	NA	NA	E	28-Oct-11	-	22-Jun-12	15-Apr-13
46	0E240	PLU	89	19.8	20.8	5	Construct drainage facility	Wolfe Creek	NA	0.88	E	01-Oct-10	06-Jan-14	09-Dec-14	01-Oct-16
47	0E180	PLU	89	29.0	30.0	5	Chloride extraction and deck replacement	North Fork Feather River	N	NA	E	03-Oct-14	01-Aug-15	16-May-16	05-Jan-19
48	4E640	PLU	147	8.9	8.9	5	Bridge replacement	Hamilton Branch	NA	NA	E	15-May-14	01-Dec-14	30-Oct-15	05-Jan-17
49	4C402	SHA	5	2.0	12.0	5	I-5 South County Six Lane	Sacramento River [303(d)]	NA	NA	E	13-May-10	21-Oct-10	NA	NA
50	3E890	SHA	5	28.8	39.2	5	Pavement maintenance	NA	N	0.0	E	18-Aug-11	-	30-Mar-12	31-Dec-13
51	2C230	SHA	5	30.6	61.8	5	Bridge rehabilitation	Lake Shasta, Lamoine	N	4.3	E	15-Apr-10	27-Jan-11	01-Nov-11	03-Sep-13
52	37890	SHA	5	39.5	40.8	5	Antlers Bridge Replacement	Shasta Lake	Y	51	TST, 2	31-Jan-07	01-Aug-08	14-Oct-09	15-Jul-15
53	0E090	SHA	5	45.5	45.5	5	Seismic retrofit Dog Creek Bldg.	Dog Creek, Lake Shasta	NA	5	E	01-Oct-13	02-Dec-15	07-Oct-19	07-Nov-19
54	0E400	SHA	5	62.3	62.3	5	Vista point	Sacramento River [303(d)]	N	0.62	E	29-Jul-11	-	26-Nov-12	01-Jul-14

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
55	32804	SHA	44	0.3	1.8	5	Follow on Landscaping	Sacramento River [303(d)]	N	>1	E	15-Jul-09	-	06-Jun-11	01-Nov-14
56	4E430	SHA	44	7.5	14.5	5	Pavement rehabilitation	Cow Creek [303(d)]/Bear Creek	N	0.0	E	30-Sep-11	-	30-Jul-12	01-Feb-13
57	1E670	SHA	89	29.2	29.2	5	Bridge maintenance	Lake Britton	NA	0.0	E	03-Aug-09	-	28-Jun-10	30-Jul-12
58	4E710	SHA	151	4.5	5.3	5	ADA compliance sidewalks	NA	N	0.0	E	30-Sep-11	-	30-Jul-12	01-Feb-13
59	3E800	SHA	273	0.0	16.2	5	Construct and modify ADA curb and ramps	NA	N	0.0	E	30-Sep-11	-	30-Jul-12	01-Feb-13
60	3E410	SHA	299	0.3	2.6	5	Road realignment	Willow Creek [303(d)]	NA	NA	E	01-Mar-13	15-Jan-14	09-Dec-14	17-Aug-17
61	1E10 U	SHA	299	2.5	4.3	5	Increase curve radii and widen shoulders	Willow Creek [303(d)]	Y	38	TST, 4	08-Oct-09	20-Dec-10	10-Aug-11	11-Dec-13
62	2E510	SHA	299	4.3	5.5	5	Curve improvement	Trail and Water Gulches	Y	18.9	E	08-Mar-11	07-Dec-11	20-Aug-12	17-Nov-15
63	3E600	SHA	299	24.0	24.8	5	Extended left turn pocket	NA	N	NA	E	29-Jul-11	11-Nov-11	05-Jun-12	12-Jul-13
64	36070	SHA	299	30.3	40.7	5	Roadway rehabilitation	NA	N	NA	E	05-Oct-11	16-Jul-12	01-May-13	14-Jul-14
65	2C222	SHA	299	74.8	74.8	5	Bridge scour	Burney Creek	Y	0.6	E	11-Mar-10	20-May-11	13-Dec-11	14-Nov-14
66	4E270	SHA	299	83.0	83.8	5	Hat Creek Truck Climbing Lane	Hat Creek	NA	NA	E	16-Mar-12	31-Dec-12	26-Jun-13	29-Oct-14

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
67	2E740	SHA	299	83	84	5	Curve improvement	Hat Creek	NA	NA	E	16-Mar-12	31-Dec-12	26-Jun-13	29-Oct-14
68	3E650	SHA	Var	0.1	0.1	5	Bridge maintenance	NA	N	0.0	E	20-Jan-12	13-Jul-12	05-Apr-13	30-Aug-14
69	4E480	SIS	89	24.7	24.8	5	Install flashing beacon	NA	N	0.0	E	14-Feb-12	-	31-Aug-12	19-Feb-13
70	0E450	TEH	5	0.0	42.1	5	Install native landscaping	Sacramento River [303(d)]	N	NA	E	15-Aug-11	-	15-Nov-12	15-Jan-14
71	3E810	TEH	5	27.1	42.1	5	Roadway rehabilitation	Sacramento River [303(d)]	N	6.4	E	03-Jan-11	-	16-Dec-11	15-Nov-13
72	2E750	TEH	5	41.6	41.9	5	Lengthen merge	Cottonwood Creek [303(d)]	N	5.6	E	03-Jun-11	04-Nov-11	03-Apr-12	15-Jul-13
73	0E360	TEH	5	10.5	10.5	5	Rebuild N/B and S/B rest area	NA	N	0.8	E	18-Mar-10	09-Aug-11	01-Jun-12	19-Nov-14
74	2E730	TEH	32	22.3	22.8	5	Curve improvement and shoulder widening	Deer Creek	N	NA	E	02-Nov-11	30-Nov-12	21-May-13	21-Nov-14
75	2E620	TEH	36	39.7	40.2	5	Curve improvement	NA	NA	NA	E	11-Oct-11	13-Sep-12	26-Feb-13	21-Nov-14
76	2C225	TEH	36	91.4	91.4	5	Mill Creek Br Scour	Mill Creek	Y	NA	E	15-Nov-11	20-Apr-12	01-Apr-13	16-Oct-15
77	4C581	TEH	99	12.1	12.6	5	Los Molinos Traffic Calming- Ph 3	Mill Creek	Y	3.09	E	03-Sep-10	03-Aug-11	02-May-12	01-Jun-13
78	2C112	TEH	99	13.9	14.3	5	Repair bridge scour	North Fork Mill Creek	Y	0.9	E	28-Jan-11	06-Nov-11	10-Oct-12	30-Sep-14

Table 5-1: District 2 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						Co.	Route	Begin PM	End PM
79	1E190	LAS	36	28.5	28.5	6	Install new overflow culvert	Lassen Creek	N	NA	E	07-Apr-10	-	13-Apr-11	15-Oct-13
80	1E470	LAS	70	Var	Var	6	Install CMS	Susan River [303(d)]	N	0.7	E	23-Nov-09	19-Nov-10	15-Jun-11	02-Jan-13
81	4E420	LAS	395	0.0	5.6	6	Pavement rehabilitation	NA	N	0.0	E	30-Dec-13	01-Dec-14	30-Oct-15	05-Jan-17
82	3C070	LAS	395	56.6	76.6	6	Roadway rehabilitation	NA	Y	2.91	E	14-Dec-10	15-Feb-12	01-Mar-13	02-Jan-15
83	4E320	LAS	395	70.1	70.2	6	Honey Lake Wetlands Mitigation Bank	Honey Lake	NA	NA	E	21-Nov-11	-	20-Jun-12	15-Apr-13

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 2 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
1	SIS	96	0.0-77.1	1	Bridge preventative maintenance on eight structure	Salmon River, Klamath River	1/12	1/13
2	SIS	97	34.5-40.0	1	Asphalt rubber chip seal	NA	1/12	12/13
3	TRI	299	64.0-72.2	1	Thin blanket overlay	Trinity River [303(d)], Middle Creek	3/12	12/13
4	MOD	299	33.5-37.5	5	Thin blanket overlay	Rattle Snake Creek	6/12	12/13
5	PLU	70	0.0-33.0	5	Slurry seal	Feather River	2/12	12/13
6	PLU	70	71.5-78.4	5	Thin blanket overlay	Humbug Creek, Big Grizzly Creek	3/12	12/13
7	SHA	151	5.8-6.9	5	Asphalt paving	Sacramento [303(d)]	6/12	2/13
8	SHA	44	1.7-7.4	5	Thin blanket overlay	Stillwater Creek	5/12	12/13
9	SHA	299	40.7-60.0	5	Asphalt overlay	Montgomery Creek	23/12	4/13
10	SHA	299	18.3-20.2	5	Thin blanket overlay	Spring Creek	5/12	12/13
11	TEH	5	Var	5	Bridge maintenance	Willow Creek, Coyote Creek, Oat Creek	5/12	12/13
12	LAS	395	128.7-131.0	6	Pavement Overlay	Susan River [303(d)]	5/12	12/13
13	LAS	139	0.0-	6	Thin blanket pavement repair with digouts	NA	2/12	12/13

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.

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 2 General Management Practices

Monitoring Activities
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue conducting project-specific monitoring where permits require it.
Public Education and Participation
<p>The District plans to:</p> <ul style="list-style-type: none"> • Continue Safety Rest Area “Don’t Trash California” poster information campaign.
Municipal Coordination
<p>The District plans to:</p> <ul style="list-style-type: none"> • Notify the municipalities of any illicit discharges/illegal connections (IC/IDs) discovered within the District right-of- way and associated with a municipality’s jurisdiction. • Make some District stormwater training courses available for participation by local agencies.

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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 2 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 2 TMDL Activities

District	Regional Board	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
2	1	Shasta River DO and Temperature TMDL	1/26/2007	Submit Water Quality Study - Lake Shastina	1/24/2009	Not Applicable	Not Applicable	Not Applicable
				Implement Plan for Lake Shastina	1/26/2012	Not Applicable	Not Applicable	Not Applicable
1 and 2	1	Klamath River Nutrient TMDL	5/1/2011	Comply with requirements in revised statewide NPDES Permit (upon revision and adoption by State Board and USEPA)	Ongoing	Not Applicable	Not Applicable	Not Applicable
				Submit annual reports documenting progress toward TMDL requirements	4/30/2012	Not Applicable	Not Applicable	Not Applicable
1, 2 and 4	1	TMDL Implementation Policy for Sediment Impaired Waters	11/29/2004	Prevent, minimize where possible, otherwise compensate	ongoing	Not Applicable	Not Applicable	Not Applicable