


**Regional Work Plans
for
FY 2003/2004**

▲ **Select a document from the list above, or select a region from the map.**

Regional Work Plans are created for each of the State Water Resources Control Board's nine Regional Water Quality Control Board areas.

Regional Work Plans describe how Department Districts plan to implement the proposed revised 2002 SWMP in local projects during the upcoming reporting period, July 1, 2003 to June 30, 2004.



**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

1

CALTRANS DISTRICTS

1 AND 2

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICTS 1 & 2

NORTH COAST REGION 1

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICTS 1 & 2

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

NORTH COAST REGION 1
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

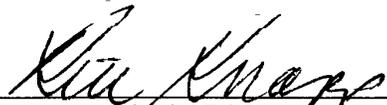


CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 1

Certification
Regional Work Plan 2003/2004

**California Regional Water
Quality Control Board
North Coast Region 1**

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)]


Rick Knapp, District Director

2/18/03
Date

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 1

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
North Coast Region 1

April 1, 2003

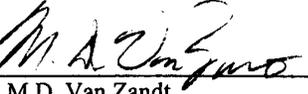
California Department of Transportation District 1



Charlie Fielder
Deputy District Director Program/Project Management

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Cheryl S. Willis
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John Rodrigues
Chief, North Region Construction

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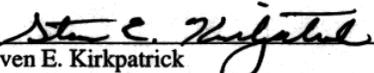
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Kome Ajise, AICP
Chief, North Region Environmental

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Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03

Date



Gary R. Horn
Chief, North Region Right of Way

2-21-03

Date

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
North Coast Region 1**

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)]



Brian Crane, District Director

Feb. 24, 2003

Date

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
North Coast Region 1

April 1, 2003

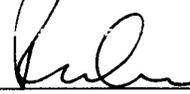
California Department of Transportation District 2



Shirley Choate
Deputy District Director Program/Project Management

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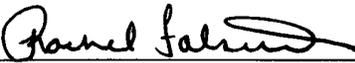
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Russell Wenham
Deputy District Director Maintenance & Operations

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Date



Rachel Falsetti
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John Rodrigues
Chief, North Region

2/20/03

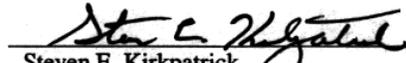
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Kome Ajise, MICP
Chief, North Region Environmental

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Date



Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03

Date



Gary R. Horn
Chief, North Region Right of Way

2-21-03

Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on Districts 1 and 2, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Department’s Districts 1 and 2 fall within the jurisdiction of the North Coast Regional Water Quality Control Board (NC-RWQCB) An organization chart for North Region Storm Water responsibilities is shown in Figure 2-1. Staff responsible for implementing the SWMP within the NC-RWQCB jurisdiction are listed in Table 2-1. Delegation of signatory authority for key Permit / SWMP required documents is included as Table 2-2.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all North Region Environmental employees.
Jeff Pizzi	Chief, North Region Office of Storm Water Management	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all Office of Storm Water Management employees within Districts 1, 2, & 3.
Jennifer Fountain	North Region Administrative Ast.	(530) 634-7798	jennifer_fountain@dot.ca.gov	Primary contact for all administrative duties.
Chris Holm	North Region District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
Ted Schultz	North Region District 2 NPDES Coordinator	(530) 225-4640	ted_schultz@dot.ca.gov	Primary contact for all District storm water issues.
John Holder	North Region District 3 NPDES Coordinator	(916) 274-0567	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Design Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Kirk Carrington	North Region Construction Storm Water Coordinator – South East Area	(530) 582-9129	kirk_carrington@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Clark Davis	North Region Construction Storm Water Coordinator – South Area	(707) 744-2090	clark_davis@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
John Bulinski	District 1 Maintenance Storm Water Coordinator-Roadside	(707) 441-2014	john_bulinski@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

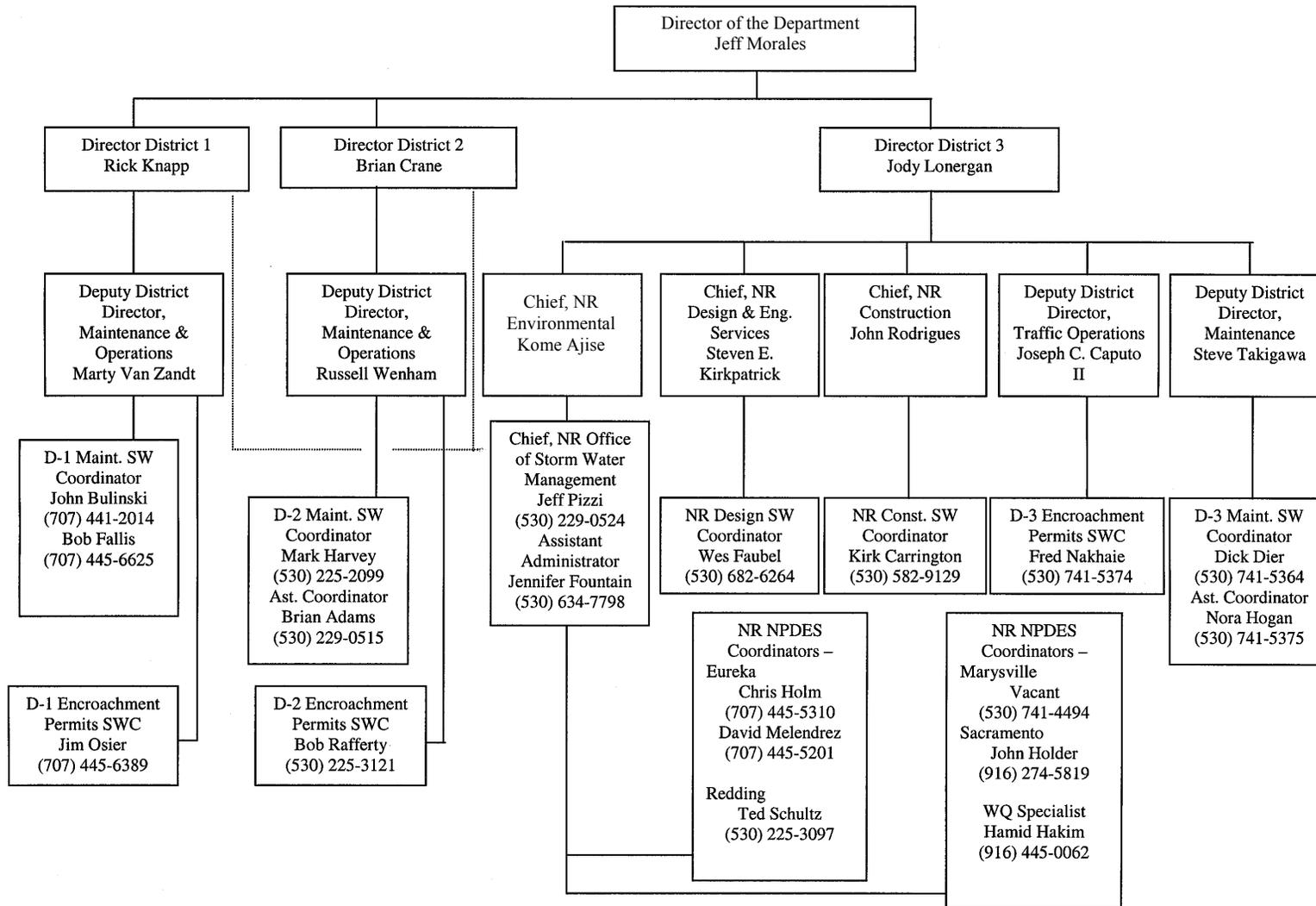
TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES (Continued)

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Bob Fallis	District 1 Maintenance Storm Water Coordinator- Facilities	(707) 445-6625	bob_fallis@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Jim Osier	District 1 Encroachments Permits Storm Water Coordinator	(707) 445-6389	jim_osier@dot.ca.gov	Provides NPDES guidance to District 1 Encroachment Permits staff and permittees.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Brian Adams	District 2 Assistant Maintenance Storm Water Coordinator	(530) 229-0515	brian_adams@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Bob Raffety	District 2 Encroachments Permits Storm Water Coordinator	(530) 225-3121	bob_raffety@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
District Director	All District Documents
Deputy District Directors/NR Program Chiefs	All District Documents
Chief, North Region Office of Storm Water Management	All District Documents except Annual Work Plan
North Region NPDES Coordinators	All District Documents except Annual Work Plan
Construction Storm Water Coordinators	SWPPPs, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Storm Water Coordinators, Managers and HazMat Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Permit Storm Water Coordinators	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction Engineer/Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Facility Supervisor	Facility Pollution Prevention Plans (FPPP)



**Figure 2-1
Organizational Chart**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Tables 3-1. Maps showing the District boundaries, major roads and highways within the North Coast Regional Water Quality Control Board jurisdiction are presented in the accompanying Figures 3-1 and 3-2.

TABLE 3-1: DISTRICT 1 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 1 - MAINTENANCE STATIONS				
DN	101	0.6	Klamath	Leased to Yurok tribe
DN	101	27.0	Crescent City	Highway Maintenance
DN	101	131.7	Redwood Bypass	Sand and Salt Storage
DN	199	28.2	Idlewild	Highway Maintenance
Hum	36	26.2	Bridgeville	Highway Maintenance
Hum	96	0.6	Willow Creek	Highway Maintenance
Hum	96	38.9	Orleans	Highway Maintenance
Hum	101	11.5	Garberville	Highway Maintenance
Hum	101	59.5	Fortuna	Highway Maintenance
Hum	101	77.3	Eureka	District 1 Office
Hum	101	79.3	Eureka	District Office Annex
Hum	101	83.4	Eureka	Highway Maintenance
Hum	101	120.8	Orick	District 4 Bridge Crew
Hum	169	31.1	Weitchpec	Leased to Yurok tribe
Hum	299	12.4	Pine Creek	Sand and Salt Storage
Hum	299	34.1	Berry Summit	Sand and Salt Storage
Men	1	20.4	Manchester	Highway Maintenance
Men	1	62.0	Fort Bragg	Highway Maintenance
Men	101	27.4	Ukiah	Highway Maintenance
Men	101	27.4	Ukiah	Highway Maintenance
Men	101	45.9	Willits	Highway Maintenance
Men	101	82.3	Rattlesnake Creek	Sand and Salt Storage
Men	128	28.0	Boonville	Highway Maintenance
Men	271	7.2	Leggett	Highway Maintenance
DISTRICT 1 - VISTA POINTS				
DN	101	13.3	Wilson Creek	Vista Point
DN	101	22.0	Crescent City	Vista Point
Hum	96	8.7	Hoopa	Vista Point
Hum	101	46.7	Greenlaw	Vista Point
Hum	101	73.7	Harold G. Larsen	Vista Point
Hum	101	94.4	McKinleyville	Vista Point
Hum	299	19.5	Lord-Ellis Summit	Vista Point
Hum	299	28.3	Berry Summit	Vista Point
Men	1	25.2	Malow-Pass Creek	Vista Point
Men	1	49.5	Brewery Gulch	Vista Point
Men	1	50.6	Big River	Vista Point
Men	1	54.9	Caspar Creek	Vista Point

TABLE 3-1: DISTRICT 1 FACILITIES (Continued)

CO	ROUTE	PM	NAME	DESCRIPTION
Men	1	74.3	Chadbourne Gulch	Vista Point
Men	1	81.2	Westport-Union Landing	Vista Point
DISTRICT 1 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Hum	101	97.3	Little River	SB
Hum	299	R7.4	Buckhorn	Westbound (WB)
Men	20	28.7	Two Rock	Eastbound (EB)
Men	101	48.7	Willits (Closure Planned)	Southbound (SB)
Men	101	41.1	Willits	Southbound (SB)
DISTRICT 1 - SAFETY ROADSIDE REST AREAS				
Dn	199	33.4	Collier Tunnel	3 mi. S of Oregon State Line
Hum	101	R102 .9	Trinidad	0.5 mi. S of Patricks Point. U.C.
Men	101	58.9	Moss Cove	10.5 mi. S of Laytonville
Men	101	61.8	Irvine Lodge	7.9 mi. S of Laytonville
Men	101	82.5	Empire Camp	2.5 mi. S of Cummings
DISTRICT 1 - PARK AND RIDE FACILITIES				
Hum	101	59.9	Fortuna	SE Corner Kenmar Road Interchange
Hum	101	100.7	Trinidad West	NW Corner Trinidad Interchange
Hum	101	100.7	Trinidad East	NE Corner Trinidad Interchange
Hum	101	74.8	Elk River	NW Corner Elk River Interchange
DISTRICT 1 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

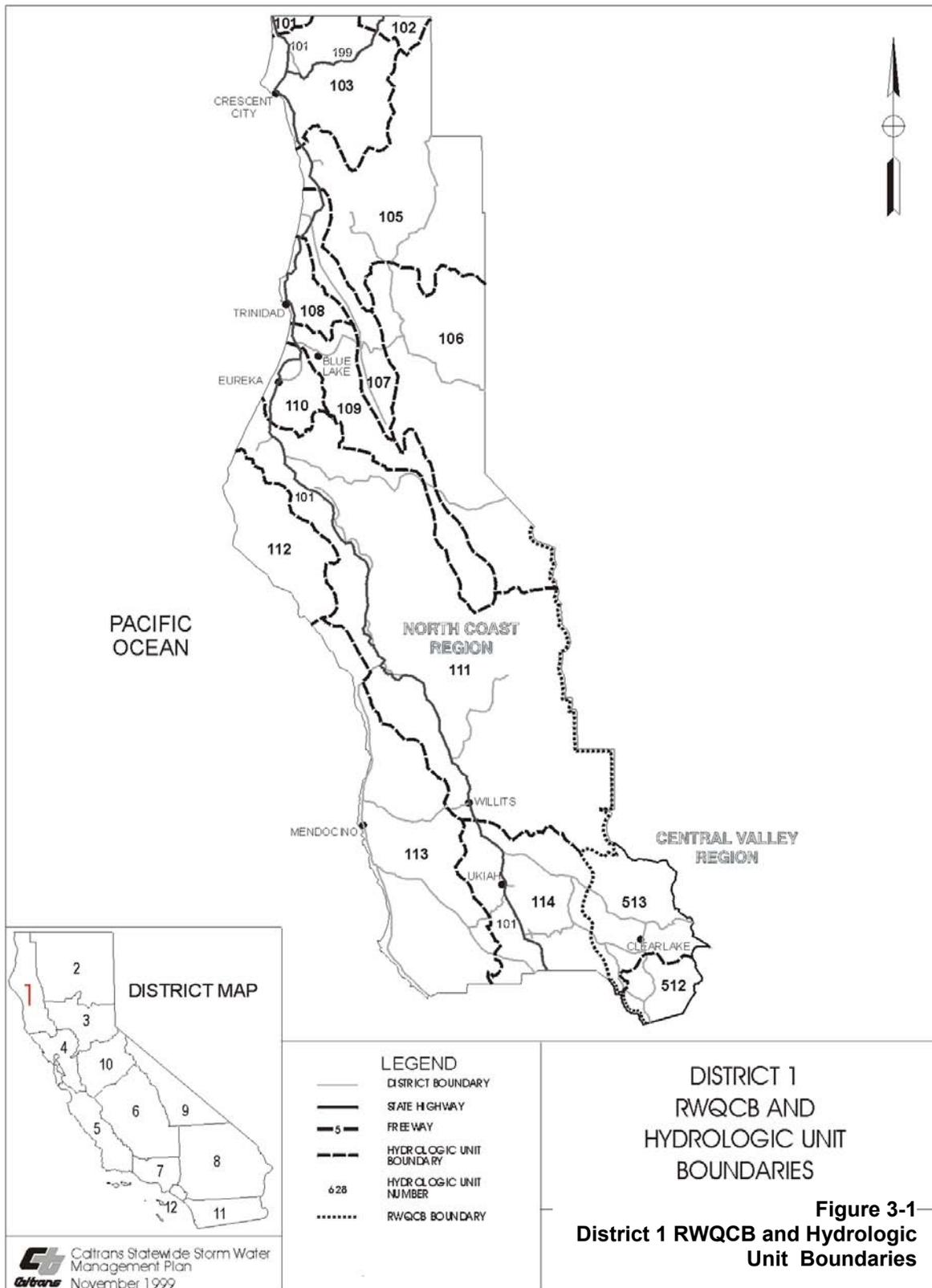
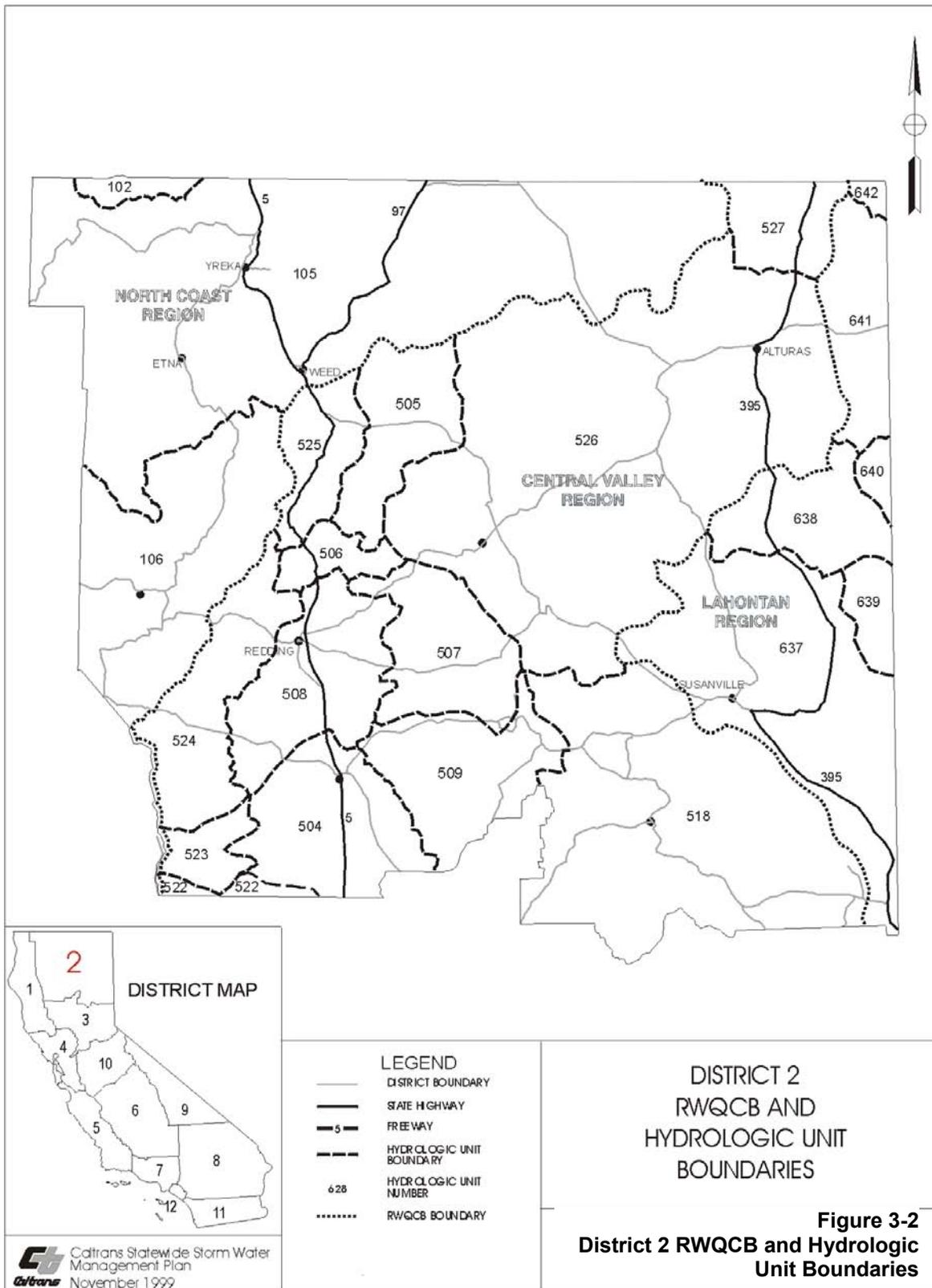


TABLE 3-2: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
Sis	3	019.7	Etna	Highway Maintenance
Sis	5	20.20	Weed	Sand & Salt Storage
Sis	5	047.4	Yreka	Landscape Maintenance
Sis	5	047.4	Yreka	Highway Maintenance
Sis	5	68.32	Hilt	Sand & Salt Storage
Sis	96	060.8	Seiad Valley	Highway Maintenance
Sis	97	020.2	Grass Lake	Highway Maintenance
Sis	97	49.80	Dorris	Sand & Salt Storage
Tri	3	006.2	Hayfork	Highway Maintenance
Tri	3	059.5	Trinity Center	Highway Maintenance
Tri	299	51.2	Weaverville	Highway Maintenance
Tri	299	51.20	Weaverville	Sand & Salt Storage
Tri	299	69.2	Buckhorn	Highway Maintenance
Tri	299	69.70	Buckhorn	Sand & Salt Storage
DISTRICT 2 - VISTA POINTS				
Sis	5	52.0	Yreka	Vista Point
Sis	97	19.1	Grass Lake	Vista Point
Sis	161	8.8	Lower Klamath Wildlife Refuge	Vista Point
Tri	3	37.9	Trinity Lake (USFS)	Vista Point
Tri	3	62.8	North Shore	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None.				
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Sis	5	R25.6	Weed Airport	6 mi. N of Weed; NB & SB
Sis	5	R58.6	Randolph C. Collier	2.5 mi. N of Route 96
Sis	97	21.8	Grass Lake	19.8 mi. N of Weed
Tri	299	56.9	Moon Lim Lee	5 mi. E of Weaverville
Tri	299	R3.6	Salyer	3 mi. E of Salyer
DISTRICT 2 - PARK AND RIDE FACILITIES				
None.				
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of High-Risk areas within Districts 1 and 2 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment	County	High Risk Area	Description	Comments
DISTRICT 1				
101 / 42.9	MEN	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Co.	2 miles to facility
101 / 48.7	MEN	Lake Ada Rosa	Water for Brooktrails Township CSD	2.1 miles to facility.
101 / 48.7	MEN	Lake Emily Intake	Water for Brooktrails Township CSD	1.8 miles to facility.
101 / 42.8	MEN	Morris Reservoir	Water for City of Willits	0.8 miles to facility.
DISTRICT 2				
3 / 54.2	SIS	Lake Shastina - Treatment Plant	Water for City of Montague	
3 / 8.2	TRI	Hayfork - Ewing Reservoir	Water for Trinity Co. W.W. Dist #1	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 (A and B) includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after March 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “TB”, all other Lahontan area projects are designated “LA”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 (A and B) is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1. Table 5-1 as included in this work plan has been abbreviated in order to accommodate a font size that is readable. A CD-Rom containing the full version of Table 5-1 in Microsoft Excel format will be overnight mailed to the RWQCB by March 28, 2003.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1A: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
42250	DN	101	2.0/37.4	Culvert Rehabilitation	12/00	06/03	08/03	02/04	05/05
3634U	DN	101	4.4/9.4	Rdwy Rehab & Brdg Rail Upgrade & Widen	10/98	07/04	05/05	11/05	01/08
36341	DN	101	5.8/7.7	Roadway Rehabilitation & Grade Raise	10/98	07/04	01/05	11/05	01/08
35770	DN	101	9.4/9.7	Raise Grade And Improve Drainage	04/96	09/00	09/00	10/02	01/04
32470	DN	101	15.0/15.6	Stabilize Roadway	07/98	05/06	04/08	07/08	08/15
34571	DN	101	21.6/23.6	Widen And Pave Shoulders	11/02	07/04	09/05	01/06	01/07
35500	DN	101	23.9/24.6	Grade Raise	02/96	02/03	10/03	03/04	01/05
31760	DN	101	27.5/27.9	Construct Sb On-Ramp And Widen	10/94	09/00	01/02	06/02	12/03
29313	DN	101	35.8/045.3	Rail Upgrade And Widen	06/01	10/01	11/02	01/03	11/05
34540	DN	101	43.6/045.8	Shoulder Widening And Left-Turn	09/01	10/03	10/05	02/06	10/07
31171	DN	169	2.5/2.7	Replace Bridge	03/99	01/03	06/03	10/03	01/06
41000	DN	199	7.5/7.6	Curve Realignment With Viaduct	07/99	12/02	12/02	02/03	01/05
38481	DN	199	8.7/8.8	Construct Soldier Pile Tieback	12/00	12/02	11/03	01/04	01/05
29314	DN	199	11.0/	Bridge Replacement	06/01	02/03	08/03	01/05	01/08
38470	DN	199	12.8/	Upgrade Existing Box Culvert	02/98	10/00	05/01	11/01	01/04
39950	DN	199	23.6/24.0	Realign Roadwy And Construct Viaduct	07/99	12/02	03/03	05/03	01/04
40960	DN	199	27.0/27.4	Curve Realignment	10/02	08/04	07/05	02/06	01/08
38480	DN	199	8.2/8.3	Construct Two Viaducts	02/98	10/03	02/05	04/05	09/06
42270	HUM	36	1.8/39.3	Culvert Rehabilitation	06/00	02/02	05/03	10/03	02/05
32330	HUM	36	5.8/7.6	Widen Shoulders	10/98	04/04	02/06	07/06	12/07
42170	HUM	36	22.4/22.6	Adjust Profile Grade & Replace Culvert	TBD	09/01	02/02	10/02	11/03
44090	HUM	101	15.3/15.7	Replace Culverts		02/04	08/04	09/04	03/05
43170	HUM	101	2.3/66.3	Culvert Rehabilitation	05/01	10/03	06/04	01/05	09/05

SECTION FIVE

TABLE 5-1A: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36310	HUM	101	35.8/39.2	Roadway Rehabilitation	10/98	10/02	08/03	01/04	11/05
40481	HUM	101	40.7/	Culvert Rehabilitation		10/02	11/02	12/02	01/04
43960	HUM	101	46.1/73.0	Repair/Treat Bridge Deck		04/03	07/03	11/03	12/04
31440	HUM	101	56.5/57.2	Bridge Replacement;Left (Scour)	09/97	07/03	09/03	04/04	05/06
29030	HUM	101	57.0/58.8	Const Interchange & Frt Rds 36/101 Include Traffic Count Station	07/98	08/03	02/06	06/06	12/08
44110	HUM	101	63.1/64.5	Ogac Overlay		03/03	04/03	05/03	07/04
40233	HUM	101	74.6/77.4	Open Graded Asphalt Concrete		03/02	04/02	06/02	08/03
29470	HUM	101	75.7/76.0	Widening Existing Highway		04/99	12/99	05/00	09/03
36600	HUM	101	79.8/85.8	Eureka/Arcata Corridor Improvement	09/00	12/05	08/08	01/09	12/11
36330	HUM	101	79.8/87.8	Roadway Rehabilitation	09/99	10/04	07/05	01/06	05/08
42320	HUM	101	80.2/81.1	Extend Acceleration/Deceleration Lanes And Close Median	07/00	09/01	11/01	10/02	08/03
29610	HUM	101	89.1/90.8	Replace N/B & S/B Brs (Scour)	10/98	10/02	01/05	04/05	01/09
44050	HUM	101	89.2/	Rehabilitate Bridge Deck		04/03	07/03	11/03	12/04
43650	HUM	101	91.2/97.4	Cold Plane Shoulder, Replace	10/01	01/03	08/03	10/03	09/04
42280	HUM	101	102.1/102.2	Remove Slide And Place Buttress	09/00	12/02	03/03	05/03	01/04
40320	HUM	101	102.9/	Upgrade Filtration Gallery And		12/02	05/03	10/03	04/05
42420	HUM	101	109.5/112.5	Curve Improvement And Shoulder	08/01	05/05	09/05	02/06	12/07
42420	HUM	101	109.5/112.5	Curve Improvement And Shldr Widening	08/01	07/04	10/05	01/06	11/07
38160	HUM	101	111.4/111.8	Realign Roadway	07/01	06/02	07/01	06/02	08/03
44080	HUM	101	114.6/114.8	Modify Drainage		07/05	04/06	07/06	10/07
36460	HUM	169	22.2/30.2	Replace Bridges(#4-180,182,218,223)	04/00	09/04	06/05	10/05	12/07
43050	HUM	169	22.9/33.6	Curve Improvement / Widen	04/01	08/04	09/05	11/05	12/06
43010	HUM	254	5.5/5.6	Construct Stab Trench	03/01	03/04	04/05	10/05	03/06
42920	HUM	254	5.8/5.9	Construct Stab Trench	03/01	03/04	09/05	10/05	03/06
29670	HUM	255	0.2/1.9	Seismic Retrofit - Phase 2	01/97	04/02	04/02	11/02	04/06
41260	HUM	255	8.4/	Modify Intersection		04/01	10/01	01/02	08/03

SECTION FIVE

Regional Work Plan

TABLE 5-1A: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
29320	HUM	299	1.5/1.7	Rail Upgrade And Widen	10/97	07/01	01/02	02/02	02/04
42390	HUM	299	20.8/21.0	Repair Slipout	08/00	01/02	10/02	12/02	11/03
39591	HUM	299	21.8/30.4	Rehabilitate Culverts		02/02	06/03	08/03	10/04
38180	HUM	299	29.1/	Construct Sand House	02/98	10/01	09/02	11/02	10/03
31050	HUM	299	33.2/35.6	Rail Upgrade, Widen & Scour	10/97	09/00	12/01	09/02	02/05
42540	HUM	299	33.9/34.5	Widen Shoulders	09/00	03/02	11/02	02/03	09/03
33030	HUM	L5708	/	Rehabilitation Maintenance Station-Bracut	10/98	12/00	01/02	03/02	07/04
30790	MEN	1	10.7/11.3	Realign Highway	10/98	10/03	09/04	01/05	01/06
42750	MEN	1	2.5/57.4	Construct Two Paved Chp Commercial Truck Inspection Stops		12/02	02/04	09/04	03/05
29170	MEN	1	3.7/10.1	Construct Tie Back Wall & Viaduct	12/97	09/00	04/02	09/02	01/04
43880	MEN	1	30.8/31.3	Realign Roadway		09/04	05/05	09/05	11/06
31010	MEN	1	33.0/34.0	Replace Bridge	10/97	12/02	08/03	12/03	12/06
29171	MEN	1	38.0/38.2	Construct Tie-Back Retaining Wall	09/99	10/03	01/04	03/04	01/06
37481	MEN	1	50.2/50.3	Remove And Dispose Of Piles	04/00	10/01	10/02	12/02	12/03
37801	MEN	1	59.9/60.6	Seismic Retrofit (Bridge Replacement)	01/99	06/01	09/01	04/02	10/05
40422	MEN	1	62.1/	Bridge Joint Repair And Rehab		06/01	07/03	11/03	10/04
38570	MEN	1	69.4/70.1	Replace Bridge	09/99	06/04	05/05	10/05	02/09
42560	MEN	1	74.1/	Construct Coastal Access Facilities		10/02	08/03	10/03	08/04
41121	MEN	1	75.0/82.9	Open Graded Asphalt Concrete		09/02	09/02	11/02	05/04
41122	MEN	1	82.9/90.6	Open Graded Asphalt Concrete		01/04	01/04	03/04	01/05
36430	MEN	20	4.4/32.8	Culvert Rehabilitation	05/97	10/03	01/05	07/05	04/08
41180	MEN	20	26.2/26.8	Realignment	09/01	04/03	01/04	04/04	TBD
29770	MEN	20	33.3/37.9	Roadway Rehabilitation	06/01	06/01	02/05	07/05	10/06
31610	MEN	20	37.9/43.0	Roadway Rehabilitation	10/98	10/98	08/03	01/04	10/05
19413	MEN, LAK	20	43.0 / 44.1, 0.0 / 0.6	Widen Existing Highway	01/97	05/99	01/00	06/00	08/03
30170	MEN	101	5.7/9.2	Construct 4 Lane Expressway	07/96	07/98	08/00	04/01	10/03

SECTION FIVE

TABLE 5-1A: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
2921U	MEN	101	8.8/17.6	4 Lane Freeway/Expressway		10/06	12/09	06/10	10/13
36290	MEN	101	9.2/ 21.1	Roadway Rehabilitation	08/01	07/04	07/02	07/04	07/06
29301	MEN	101	10.2/11.2	Rail Upgrade And Widen (Scour)	10/98	04/02	09/03	11/03	11/05
29830	MEN	101	19.5/31.0	Roadway Rehabilitation (Ramps)	04/97	04/97	02/02	06/02	12/03
40421	MEN	101	20.7/20.9	Bridge Joint Repair, Rehab Bridge Deck	05/99	06/01	10/02	02/03	02/04
44020	MEN	101	21.8/25.7	Repair Bridge Decks		01/03	07/03	11/03	03/05
44010	MEN	101	26.1/31.9	Rehabilitate Bridge Decks		01/03	05/03	10/03	01/05
42040	MEN	101	33.7/36.3	Open Graded Asphalt Concrete		01/01	04/01	06/02	11/03
41070	MEN	101	37.9/38.3	Curve Realignment	08/00	01/03	05/03	11/03	12/05
41300	MEN	101	39.4/40.5	Curve Improvement	01/02	TBD	TBD	TBD	TBD
26200	MEN	101	43.5/51.3	Construct 4-Lane Fwy (Willits Bypass)	09/89	06/03	02/05	07/05	04/09
43180	MEN	101	52.5/100.0	Culvert Rehabilitation		03/05	09/06	10/06	08/08
42930	MEN	101	69.3/69.7	Curve Improvement	09/02	07/04	10/04	01/06	11/06
41220	MEN	101	83.9/	Repair Culvert & Place Scour Protection	10/99	12/02	02/03	06/03	06/04
42101	MEN	101	84.7/87.5	Open Graded Asphalt Concrete		08/01	10/01	02/03	11/03
39750	MEN	101	90.4/101.1	Realign Roadway	05/00	01/05	07/00	01/05	01/09
42290	MEN	101	93.1/93.6	Curve Imprvmt/Widen Shldrs/Ogac	02/02	11/03	08/06	11/06	05/08
41050	MEN	101	96.5/97.0	Curve Realignment	08/99	06/03	09/02	11/03	06/05
39751	MEN	101	98.5/100.9	Realign Roadway	06/01	07/05	07/07	08/07	10/10
37810	MEN	128	0.0/50.1	Rehabilitate Culverts	10/98	11/04	02/07	05/07	04/10
36500	MEN	128	28.3/	Bridge Replacement (Scour)	09/97	02/02	10/02	01/03	11/04
41820	MEN	128	39.9/40.0	Repair Culvert	08/00	11/01	10/02	01/03	09/03
36240	MEN	128	43.4/	Replace Bridge (Scour)	08/97	09/00	02/03	07/03	12/04
43030	MEN	162	21.0/22.1	Place Underdrain And Reconstruct Roadway		02/03	10/03	01/04	03/05
42091	MEN	162	32.3/34.0	Asphalt Concrete Surfacing		02/01	10/02	02/03	05/04

TABLE 5-1A: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
44310	MEN	175	1.1/1.2	Roundabout		01/05	04/05	08/05	10/06
43150	MEN	175	2.0/2.3	Curve Improvement		06/02	08/03	12/03	01/05
29200	MEN	20	1.0/2.1	Construct 2-Way Left Turn Lane	07/01	10/03	11/05	03/06	10/08
38050	MEN	222	1.0/	Replace Bridge (Scour)	08/00	11/03	04/05	05/05	05/07
3116U	MEN	253	0.5/3.5	Upgrade Rail, Widen & Scour	10/97	07/03	05/03	09/03	10/05
40820	MEN	271	0.5/20.4	Rehabilitate Culverts	06/99	04/02	09/02	12/02	01/04
43610	VAR			Treat Bridge Deck		11/02	11/02	01/03	12/03

(1) SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

SECTION FIVE

TABLE 5-1B: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
37940	SHA, SIS	5	60/65.8	Median Barrier - Castella	12/99	7/00	12/01	1/02	11/03
36434	SIS	5	2.7/11.4	Roadway Rehabilitation				06/00	11/03
34350	SIS	96	61.2/	Replace Culvert W/Bridge - Walker Creek	05/98	01/03	12/02	02/03	03/04
34710	SIS	96	65.4/	Replace Culvert W/Bridge - O'Neil Creek	05/98	04/03	05/03	07/03	01/05
29770	SIS	97	27.6/34.4	Passing Lane - Mt Hebron	7/01	TBD	TBD	TBD	TBD
28790	SIS	97	49.3/51.9	Const 2 Lane Expressway	06/97	11/02	09/03	04/04	06/06
39120	SIS	3	48.6/49.0	Left Turn Lane	12/01	02/03	03/03	05/03	01/04
37970	SIS	3	6.8/	Rehabilitate Bridge	02/00	03/02	03/02	06/02	03/04
36430	SIS	5	2.7/11.4	Resurface Asphalt Concrete			09/99	06/00	11/03
38760	SIS	5	16.0/20.6	Cap M	09/01	09/01	01/03	07/03	07/04
38150	SIS	5	52.5/58.0	Median Barrier	11/01	04/04	10/04	02/05	04/06
38250	SIS	5	62.5/69.3	Highway Beautification & Moderni-Zation	09/01	01/04	12/04	04/06	04/07
36200	SIS	5	25.6/	Rehab Facilities @Nb & Sb Weed Srta	09/99	07/00	04/01	12/04	08/05
36670	SIS	5	7.2/	Reconstruct Scale House	12/99	11/00	12/01	04/02	01/04
39340	SIS	5	11.4/58.1	Replace Recessed Markers	12/01	06/02	03/03	04/03	11/03
38020	SIS	96	96.5/96.8	Widening And Extend Culverts 1669	03/98	02/03	03/03	08/03	05/04
35840	SIS	97	40.0/54.1	Capm - Asphalt Concrete Overlay	09/99	09/99	09/07	02/08	06/09
0C270	SIS	97	51.6/52.4	Curve Improvement	06/97	11/02	08/03	04/04	07/06
0C040	SIS	97	46.5/48.5	Oversite On Ag Inspection Facility Relocation		10/03	05/04	08/04	11/05
31120	SIS	161	18.7/19.3	Replace Bridge	10/01	10/04	10/05	02/06	01/08
35990	SIS	265/97	19.8/20.3	Weed - Roadway Rehab	09/01	07/04	11/05	03/06	07/07

SECTION FIVE

TABLE 5-1B: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
37800	TRI	3	43.9/53.6	Stuart Fork And East Fork Stuart Creek Bridge - Bridge Rail ,Scour, And Seismic	10/01	08/04	07/05	10/05	01/08
38460	TRI	299	69.5/70.5	Passing Lanes - Sand House Curve	07/01	02/06	09/06	01/07	11/07
38440	TRI	299	69.6/69.9	Sand Hill Passing Lane	07/01	02/04	10/04	01/05	11/05
37430	TRI	299	23.29/23.3	Big French Creek Bridge - Widen With New Rail Possible Replacement	9/01	TBD	TBD	TBD	TBD
38853	TRI	299	55.6/57.7	Rocky Point Passing Lanes	11/00	TBD	TBD	TBD	TBD
36410	TRI	3	6.5	Replace Bridge (Scour)	08/99	01/03	06/03	09/03	01/06
38190	TRI	3	67.7/70.9	Thin Blanket Overlay	07/00	05/01	02/03	04/03	11/03
38990	TRI	3	32.4/32.9	Left Turn Lane Channelization	10/02	10/05	01/07	07/07	05/09
39720	TRI	299	24.0/25.2	Curve And Super Correction	02/02	11/02	11/02	02/03	10/03
37500	TRI	299	36.1/36.4	Curve Correction	12/01	07/04	07/05	11/05	08/06
39000	TRI	299	60.8/61.2	Left Turn Lane Channelization	12/01	03/05	10/05	01/06	10/06
36120	TRI	299	0.0/72.3	Upgrade Guardrail	08/99	06/02	01/03	04/03	10/04
39310	TRI	299	25.7/36.8	Opengrade Overlay		07/02	11/02	12/02	08/03
32550	TRI	299	47.6/48.6	Curve Correction	10/97	03/01	11/00	04/02	08/03
28820	TRI	299	26.7/30.1	Const Eb & Wb Passing Lanes	06/93	12/02	11/02	03/03	12/03
28853	TRI	299	55.6/57.7	Const. Eb & Wb Passing Lanes	11/00	04/03	08/03	02/04	12/04
35480	TRI	299	51.9/52.4	Widen Shoulders	11/99	01/03	03/03	06/03	05/04
27031	TRI	299	72.0/72.2	Upper Buckhorn Realignment	11/98	7/05	6/06	12/06	8/08
35090	TRI	L5717	/	Const Office-Equip Bays-Cover Strge	10/98	10/02	11/02	01/03	10/04

(1) SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

(E) Beginning of Project Development Process prior to approval of the PSR

(F) PSR approved but Environmental Documents are not final

(G) Environmental documents final

(H) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-1B: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (CONTINUED)

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

TABLE 5-2: DISTRICT 1 AND 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

DISTRICT 1						
Significant Road Maintenance Activities (1)						
Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
		None that require 401 certification.				
Maintenance Facility and Activity Inspections						
Four of twenty Maintenance Facilities in District 1 are scheduled for annual inspections by the District Storm Water Coordinator.						
Maintenance Facility BMP Improvements						
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.						
Maintenance BMP Actions/Modifications						
Sweeper waste disposal - Several disposal sites are used for sweeper waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.						
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.						
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface. If grindings are transferred to third parties, the RWQCB will be notified and guidance on placement and compaction will be provided.						
Vegetation Management and Vegetated Slope Management						
The District 1 Vegetation Control Plan (VCP) for FY 03/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:						
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 						
Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.						
Vegetated Slope Evaluation: District 1						
County	Route	PM	Inspection Schedule	Remediation Action Planned		
Mendocino	1	42.23/63.35	FY 03/04	TBD	TBD	
	20	17.64/26.47	FY 03/04	TBD	TBD	
	101	42.28/63.42	FY 03/04	TBD	TBD	
	128	20.36/30.54	FY 03/04	TBD	TBD	
	162	23.73/35.59	FY 03/04	TBD	TBD	

SECTION FIVE

TABLE 5-2: DISTRICT 1 AND 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Vegetated Slope Evaluation: District 1							
County	Route	PM	Inspection Schedule	Remediation Action Planned	County		
Humboldt	36	18.27/27.41	FY 03/04	TBD	TBD		
	96	17.99/26.99	FY 03/04	TBD	TBD		
	101	54.86/82.28	FY 03/04	TBD	TBD		
	200	0.00/2.68	FY 03/04	TBD	TBD		
	254	12.64/18.94	FY 03/04	TBD	TBD		
Del Norte	299	16.86/25.28	FY 03/04	TBD	TBD		
	101	18.16/27.73	FY 03/04	TBD	TBD		
	169	0.00/8.52	FY 03/04	TBD	TBD		
	199	14.56/21.85	FY 03/04	TBD	TBD		
DISTRICT 2							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
All maintenance facilities in the District will be inspected this year. At least 10 maintenance activity inspections will occur in Trinity and Siskiyou County portions of the North Coast RWQCB.							
Maintenance Facility BMP Improvements							
Weaverville maintenance station reconstruction will be complete in 2003.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to settle and percolate sediment removed from drainage systems. Sediment is tested prior to disposal or reuse, water is also monitored.							
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters							

TABLE 5-2: DISTRICT 1 AND 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Vegetation Management and Vegetated Slope Management						
The District 2 Vegetation Control Plan (VCP) for FY 2003/2004 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:						
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 						
Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003						
Vegetated Slope Evaluation: District 2						
County	Route	PM	Inspection Schedule	Remediation Action Planned		
Trinity	3	30.85/85.06	FY 03/04	TBD	TBD	
Siskiyou	3	.00/43.20	FY 03/04	TBD	TBD	
Siskiyou	96	23.27/105.76	FY 03/04	TBD	TBD	
Siskiyou	5	19.50/68.30	FY 03/04	TBD	TBD	
DISTRICT 2						
Significant Road Maintenance Activities (1)						
Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None that requires 401 certification						
Maintenance Facility and Activity Inspections						
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.						
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.						
Maintenance Facility BMP Improvements						
Cover for Multi-chambered Treatment Train to prevent vector concerns. Other improvements will be based on the annual storm water facility inspections.						
Maintenance BMP Actions/Modifications						
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.						
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.						
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.						

TABLE 5-2: DISTRICT 1 AND 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Vegetation Management and Vegetated Slope Management
<p>Vegetation Control Plan The District 7 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program
<p>Vegetated Slope Evaluation The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

401 401 Certification/Waiver required

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

DISTRICT 1
Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. The Department will work cooperatively with the Associated General Contractors (AGC) to provide a variety of storm water training subjects to contractors. Some Department storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to Maintenance crews during “tailgate” meetings or in formal classes. BMP implementation “tailgate” meetings are conducted every 10 days
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Department storm water training classes will be available for participation by local agencies.
DISTRICT 2
Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03.
There are no monitoring sites currently located in District 2 within Region 1.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. The Department will work cooperatively with the Associated General Contractors (AGC) to provide a variety of storm water training subjects to contractors. Some Department storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to crews during tailgate meetings and during maintenance activity inspections. Stenciling will be done for storm drains in Phase II MS4 cities.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Department storm water training classes will be available for participation by local agencies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

1

CALTRANS DISTRICT

4

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 4

NORTH COAST, REGION 1

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 4

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**NORTH COAST REGIONAL REGION 1
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



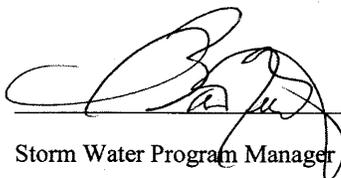
**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 4**

CERTIFICATION

**REGIONAL WORK PLAN
Fiscal Year 2003/2004**

**California Regional Water Quality Control Board
[NCRWQCB] Region 1**

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)]



Storm Water Program Manager

Department District 4

Date: 2/11/03

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 4, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and include portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

Staff	Title	Phone Number	E-Mail Address
VACANT	Storm Water Program Manager		
Analette Ochoa*	District Storm Water Coordinator	510-286-5885	Analette_Ochoa @dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirley Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Beverly Bueno-Johnson	Public Affairs Coordinator	510-286-6175	Beverly Bueno _ Johnson @dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov

* Analette Ochoa is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the Storm Water Coordinators (Coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, "single point of contact," on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.

- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department's right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.

- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.

- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.

- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.
- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents except Regional Workplan
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. The District 4 major roads, highways and boundaries within the Regional Water Quality Control Boards are presented on Figure A-7 and Figure A-8 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	80	2.0	East Bay Point	Special Crews
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	980	1.25	Oakland	District 4 Office
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	0.1	Scott Creek Road (closed)	Satellite
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Maintenance Stations				
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
MONT	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	17	0.2	San Rafael Paint	Special Crews
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson ST., Napa
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	17	7.1	Los Gatos	Satellite
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	280	3.6	Alemany/Specialty Region	Special Crews
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM	35	10.0	Skylonda (closed)	Satellite
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Maintenance Stations				
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	116		Shellville	Special Crews, Junct 12/116, Shellville
Vista Points				
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
NAP	29	6.6		Vista Point
SCL	35	14.1		Vista Point
SM	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
SM	280	7.2/7.5	Edgewood & Route 92	Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Commercial Vehicle Enforcement Facilities				
ALA	580	R9.2	Livermore	EB
ALA	580	R8.9	Livermore	WB
ALA	680	R8.7	Mission Grade	NB
ALA	880	3.7	Nimitz	SB
ALA	880	4.2	Nimitz	NB
CC	680	15.9	Walnut Creek	NB
CC	680	16.0	Walnut Creek	SB
MRN	101	14.1	Terra Linda	Northbound (NB)
MRN	101	15.2	St. Vincents	Southbound (SB)
SCL	101	8.8	Gilroy	SB
SOL	80	14.2	Cordelia	Eastbound (EB)
SOL	80	14.4	Cordelia	Westbound (WB)
Roadside Rest Areas				
MRN	101	0.3	Dana Bowers	Northbound 101
SM	280	R13.5	Crystal Springs	Near San Francisco Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
Park and Ride Facilities				
ALA	13	13.4	7 th St. & Folger St.	Near Jct. 80 & Ashby
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
ALA	238	0.7	Mission SJ Park	At High School, Fremont (joint use)
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
ALA	580	29.2	Castro Valley	SE corner @ Center St. in Castro Valley
ALA	580	30.7	John Drive	John Drive in Castro Valley
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
CC	80	6.6	Richmond Parkway	SW quad of Rte 80/Richmond Pkwy
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
CC	680	3.0	Bollinger	SW quad I-680/Bollinger Canyon Road, San Ramon
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Park and Ride Facilities (Continued)				
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	101	20.2	Rowland Blvd	Rowland Blvd in Novato
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
SOL	12		Suisun City	Main and Florida
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
SON	101	3.6	Lakeville HWY (Rte. 116)	W side of 101 at Route 116, Petaluma
SON	101	12.7	Cotati	SE corner of Route 116 IC
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
CC	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

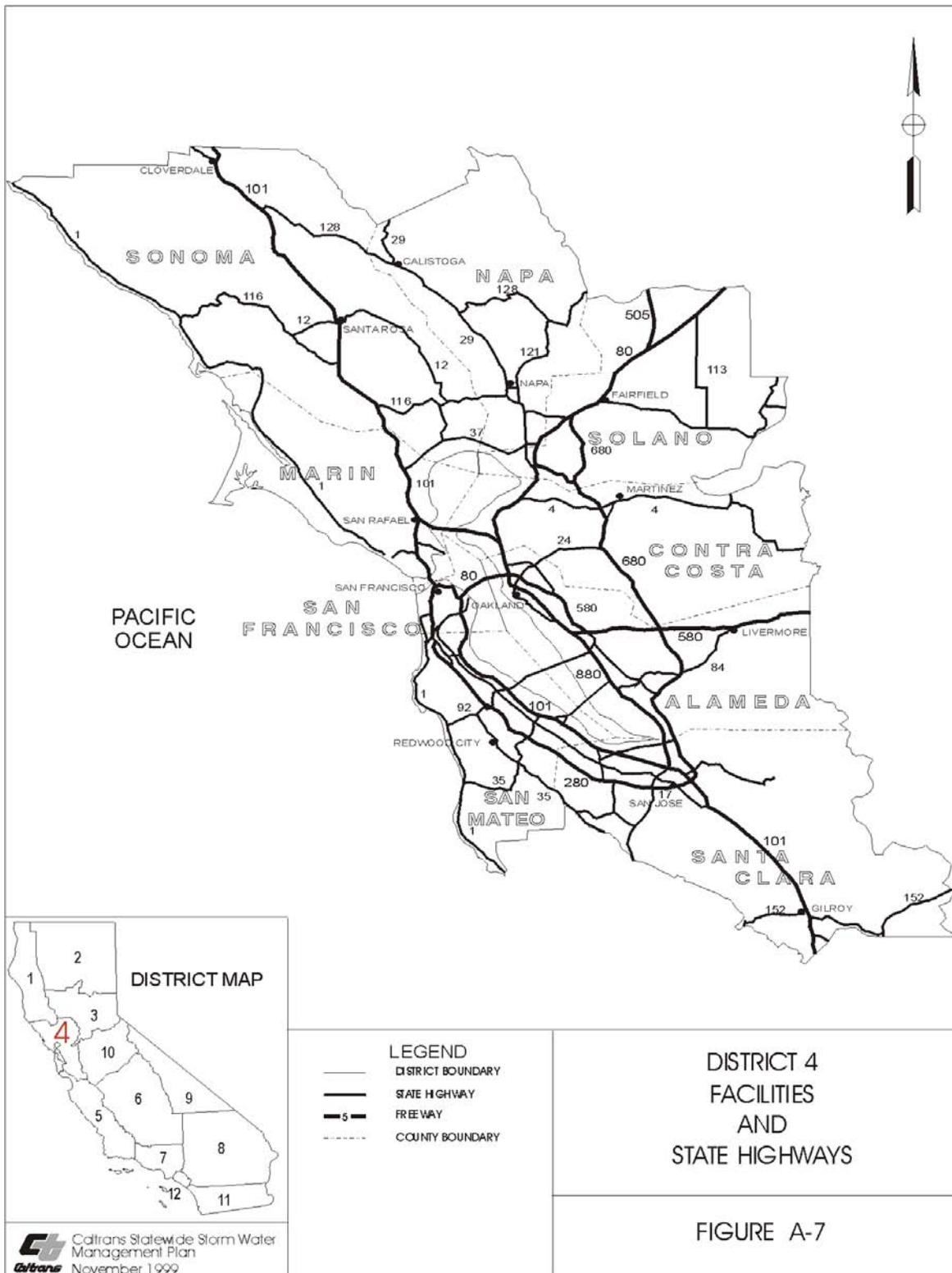
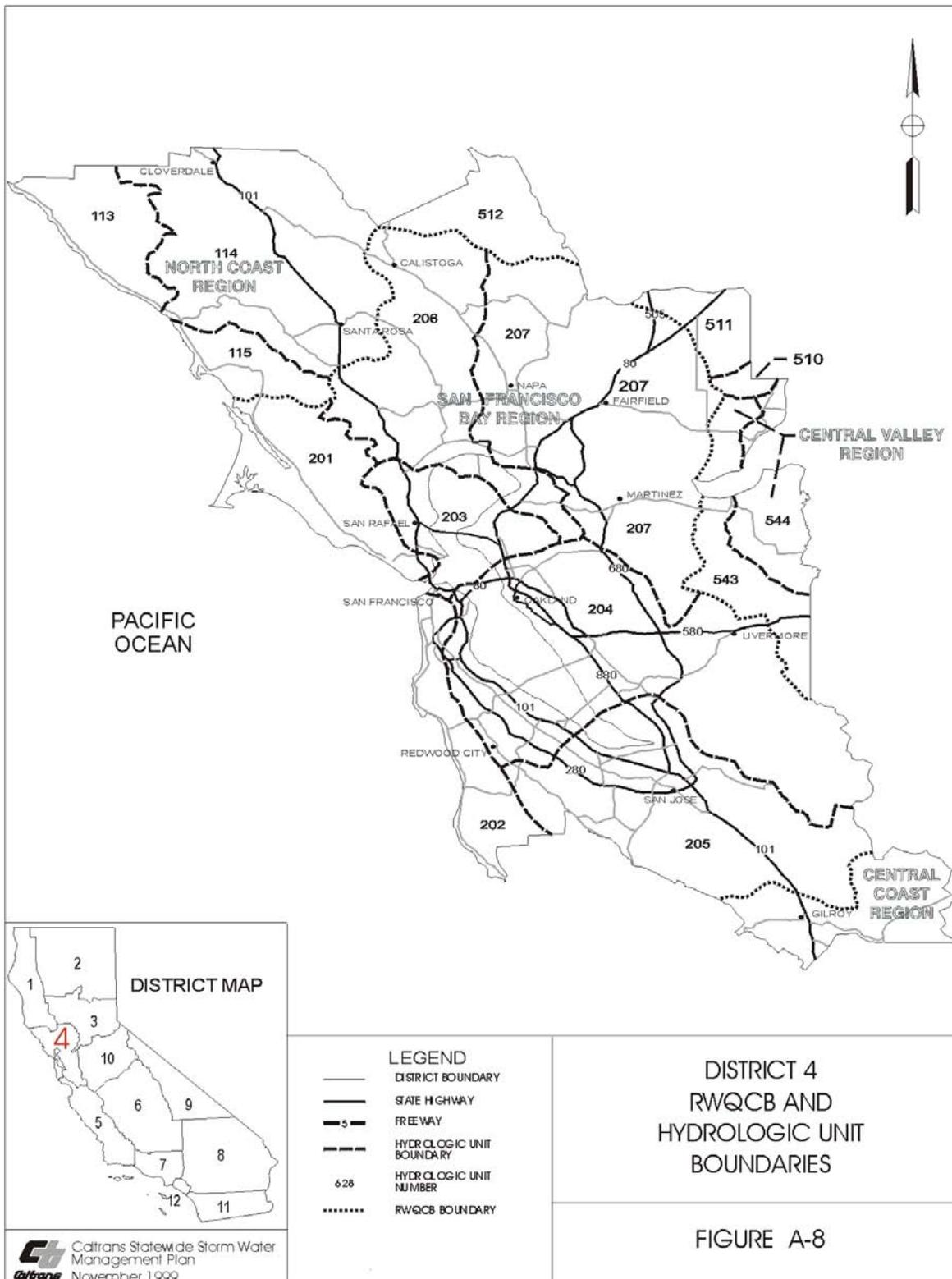


Figure 3-1
District 4 Facilities and State Highways



**Figure 3-2
District 4 RWQCB and Hydrologic Unit Boundaries**

4.0 HIGH RISK AREAS

A list of high-risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo county crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek, which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-1)

No.	SWMP Category *	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Eval.	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	C	0C350	SON	1	16.1	19.7	Replace asphalt concrete (CAPM)	303d	Russian River, Furlong Gulch	10/22/97	10/22/97	5/1/03	10/1/03	6/1/04
2	D	1S250	SON	1	24.6	25.7	Repair storm damage	SWPPP/303d/401	Russian River Gulch	5/1/98	2/2/01	3/5/01	11/20/01	10/1/03
3	B	1S300	SON	1	9.7	10	Repair storm damage	SWPPP	Bodega Bay	5/1/98	8/1/03	7/1/04	11/1/04	8/1/06
4	B	0A100	SON	101	21.7	29.6	Widening & improvements from Steel Ln to Windsor	SWPPP		12/1/01	3/1/05	4/1/05		
5	B	12965	SON	101	13.9	15.3	Widen from 4 to 6 lanes for HOV	SWPPP		7/30/91	7/1/03	7/1/04	4/1/05	5/1/08
6	C	21992	SON	101	30.2	31.3	Construct I/C phase-2	SWPPP/401	Sotoyome Creek	4/28/89	7/25/95	1/1/03	7/1/03	12/1/04
7	B	24540	SON	101	19.5	21.6	Widen freeway to 6 lanes	SWPPP/401/303d		10/10/97	5/1/03	12/1/03	10/1/04	11/1/07
8	B	26390	SON	101	21.8	22	Modify interchange	SWPPP/401/303d		11/3/99	5/1/03	12/1/03	10/1/04	11/1/07
9	D	2724U	SON	101/12	14.9	19.7	Widen to 6 lanes for HOV, Sound-wall, Wilfred I/C Rt 12	SWPPP			4/14/00	4/13/00	3/16/01	7/1/03

SECTION FIVE

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-1) (Continued)

No.	SWMP Category *	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Eval.	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
10	C	13020	SON	12	17.3	17.7	Modify the Farmers Lane I/C Rt. 12, Santa Rosa (oversight job)	SWPPP	Matanzas Creek	10/16/89	8/30/01	8/8/02	6/1/02	12/1/03
11	B	20990	SON	128	17.1	24.7	Roadway rehabilitation	SWPPP/401		10/1/99	2/1/03	8/1/03	4/1/04	7/1/06

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities*								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
1	SON	1	24.5	Clean channel to beach		401	Spring 2003	Fall 2003
2	SON	101	26.1	Clean channel		401	Spring 2003	Fall 2003
3	SON	101	29.5	Clean vegetation		401	Spring 2003	Fall 2003
4	SON	116	1.63	Clean channel		401	Spring 2003	Fall 2003
Maintenance Facility and Activity Inspections								
The District Maintenance Storm Water Coordinator will schedule all Maintenance Facilities within District 4 for annual inspection. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.								
The District Storm Water Coordinator will identify and schedule an inspection of the selected temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.								
Maintenance Facility BMP Improvements								
Inspections described above must be conducted before identifying any improvements.								
Maintenance BMP Actions/Modifications								
Inspections described above must be conducted before identifying any actions or modifications.								
Vegetation Management and Vegetated Slope Management								
The District 4 Vegetation Control Plan (VCP) goals for FY 2003/04 is the following: <ul style="list-style-type: none"> • Develop the 2003/04 Vegetation Control Program and Input the data into the New IMMS (Integrated Maintenance Management System) computer program • Implement the new Vegetation Control Program with the field crews • Continue with the Department's goal of a 50% reduction in the use of Herbicides • Provide Annual Training to all applicators which includes BMP's while applying Pesticides 								

* Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Criteria

- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Alameda County, San leandro Maintenance Yard	Maintenance Station Characterization Study
Alameda County, Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP. The Construction Storm Water Coordinator will attend more pre-construction meetings for new jobs going out to construction.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of construction sites associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Project Planning and Design Guide Training, which provides design guidance for incorporating storm water quality controls into projects during the planning and design phases, will be scheduled once a month. Similar events will be planned for outreach to the transportation authorities, other outside agencies, and consultants which commonly plan and design projects for construction within the Department right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2003.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need “refresher” training and any new staff. Training courses that specifically addresses responsibilities of Resident Engineers and inspectors are offered throughout the year. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way. Information regarding training classes is also available for contractors to fulfill the 24 hour training requirement for SWPPP prepares and Contractor’s on-site “Water Pollution Control Manager.”	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none"> • Standardized Training Modules given at the Supervisors/Superintendents Annual Meeting and forwarded to crew personnel • BMP tailgate meetings with crews every 10 working days • Facility Inspections to verify compliance – review with crew and supervisors • Operational BMP inspections to verify compliance - review with crew and supervisors <p>The District Maintenance Web Site has these Training Modules available as well as a general informational site that is updated quarterly.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees. Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District will work to develop a Storm Water Pollution Prevention Public Outreach Campaign.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Department right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **2**

CALTRANS DISTRICT
4

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 4

SAN FRANCISCO BAY, REGION 2

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 4

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**SAN FRANCISCO BAY REGION 5
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



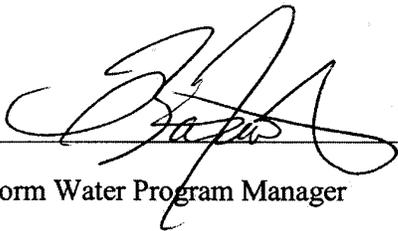
**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 4**

CERTIFICATION

**REGIONAL WORK PLAN
Fiscal Year 2003/2004**

**California Regional Water Quality Control Board
[SFBRWQCB] Region 2**

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)]



Storm Water Program Manager

Department District 4

Date: 2/11/03

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 4, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and include portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

Staff	Title	Phone Number	E-Mail Address
VACANT	Storm Water Program Manager		
Analette Ochoa*	District Storm Water Coordinator	510-286-5885	Analette_Ochoa @dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirley Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Beverly Bueno-Johnson	Public Affairs Coordinator	510-286-6175	Beverly Bueno _ Johnson @dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov
Barton Newton		510-286-5898	Barton_Newton@dot.ca.gov

* Analette Ochoa is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the Storm Water Coordinators (Coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of

storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, "single point of contact," on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.

- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department's right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.

- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.

- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.
- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.

- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents except Regional Workplan
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS (Continued)

Positions or Individuals	Documents Authorized for Signature
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. The District 4 major roads, highways and boundaries within the Regional Water Quality Control Boards are presented on Figure 3-1 and Figure 3-2 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	80	2.0	East Bay Paint	Special Crews
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	980	1.25	Oakland	District 4 Office
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	0.1	Scott Creek Road (closed)	Satellite

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Maintenance Stations (Continued)				
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
MONT	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	17	0.2	San Rafael Paint	Special Crews
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson ST., Napa
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	17	7.1	Los Gatos	Satellite
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	280	3.6	Alemany/Specialty Region	Special Crews
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM	35	10.0	Skylonda (closed)	Satellite
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
Maintenance Stations (Continued)				

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	116		Shellville	Special Crews, Junct 12/116, Shellville
Vista Points				
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
NAP	29	6.6		Vista Point
SCL	35	14.1		Vista Point
SM	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
SM	280	7.2/7.5	Edgewood & Route 92	Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
Commercial Vehicle Enforcement Facilities				
ALA	580	R8.9	Livermore	WB
ALA	680	R8.7	Mission Grade	NB
ALA	880	3.7	Nimitz	SB

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Commercial Vehicle Enforcement Facilities				
ALA	880	4.2	Nimitz	NB
CC	680	15.9	Walnut Creek	NB
CC	680	16.0	Walnut Creek	SB
MRN	101	14.1	Terra Linda	Northbound (NB)
MRN	101	15.2	St. Vincents	Southbound (SB)
SCL	101	8.8	Gilroy	SB
SOL	80	14.2	Cordelia	Eastbound (EB)
SOL	80	14.4	Cordelia	Westbound (WB)
Roadside Rest Areas				
MRN	101	0.3	Dana Bowers	Northbound 101
SM	280	R13.5	Crystal Springs	Near San Francisco Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
Park and Ride Facilities				
ALA	13	13.4	7 th St. & Folger St.	Near Jct. 80 & Ashby
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
ALA	238	0.7	Mission SJ Park	At High School, Fremont (joint use)
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
ALA	580	29.2	Castro Valley	SE corner @ Center St. in Castro Valley
ALA	580	30.7	John Drive	John Drive in Castro Valley
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
CC	80	6.6	Richmond Parkway	SW quad of Rte 80/Richmond Pkwy
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
CC	680	3.0	Bollinger	SW quad I-680/Bollinger Canyon Road, San Ramon
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	10.8	Hetheron	4th & Hetheron in San Rafael
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Park and Ride Facilities (Continued)				
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	101	20.2	Rowland Blvd	Rowland Blvd in Novato
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
SOL	12		Suisun City	Main and Florida
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
SON	101	3.6	Lakeville HWY (Rte. 116)	W side of 101 at Route 116, Petaluma
SON	101	12.7	Cotati	SE corner of Route 116 IC
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
CC	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

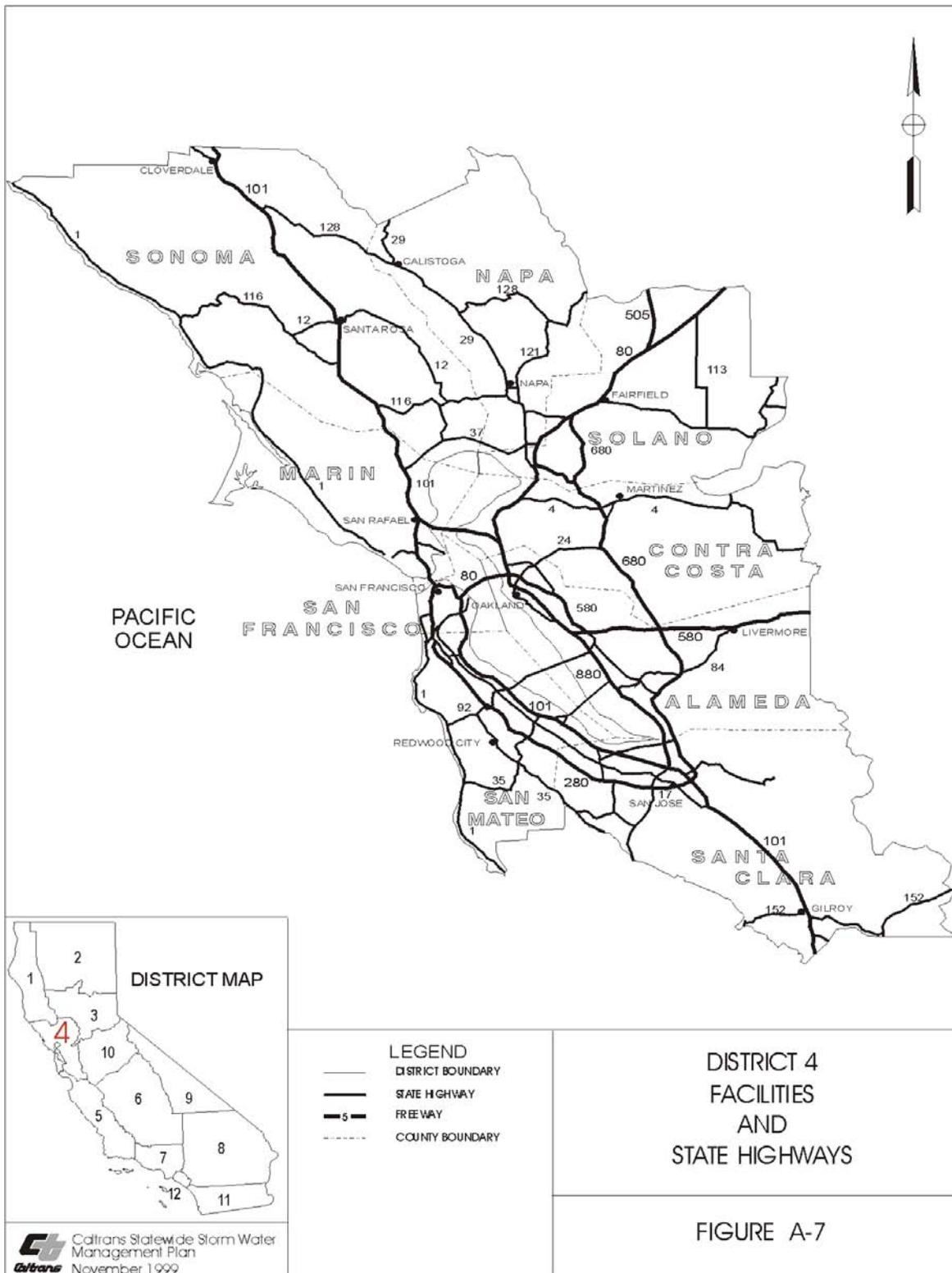


Figure 3-1
District 4 Facilities and State Highways

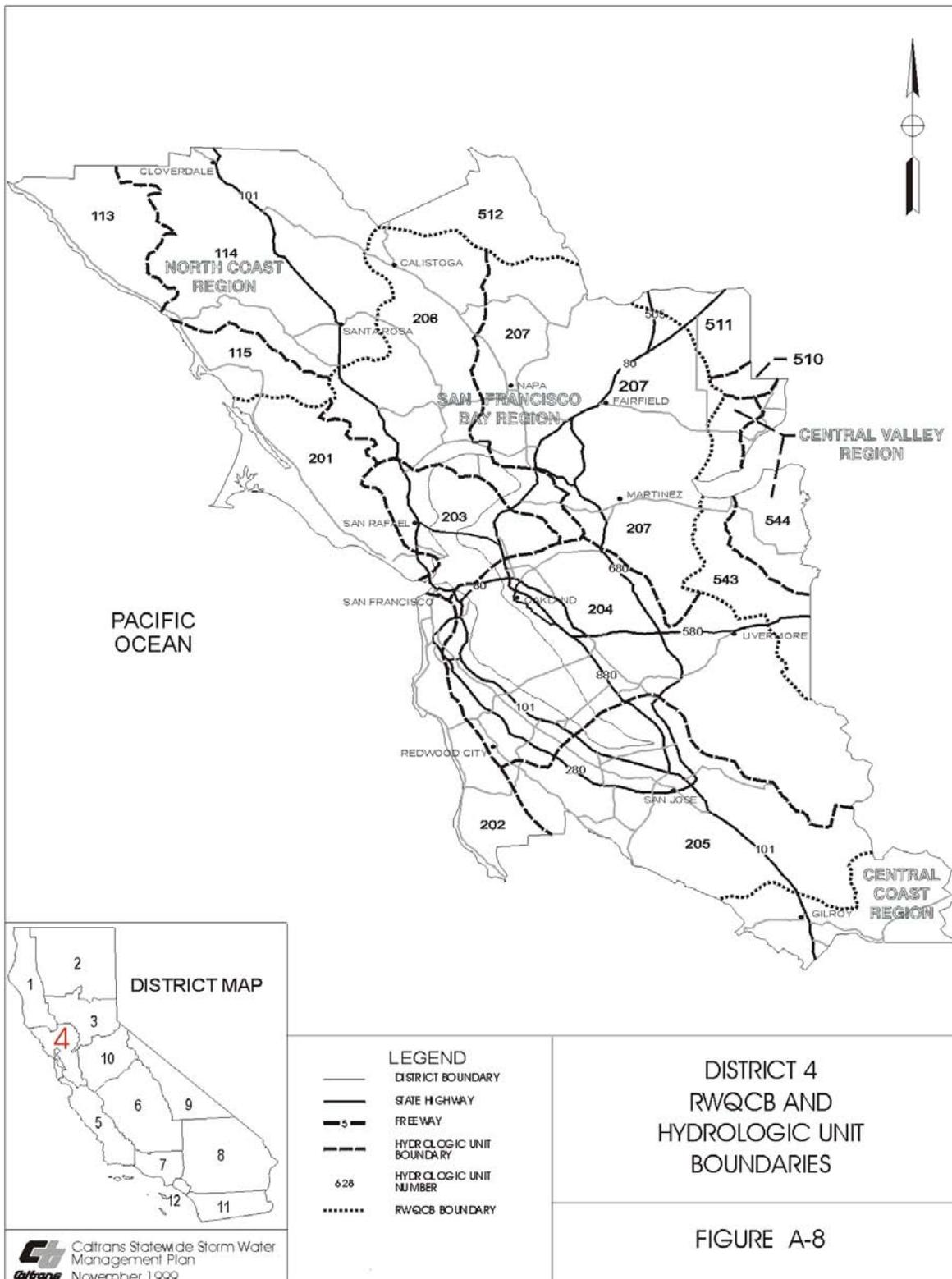


Figure 3-2
District 4 RWQCB and Hydrologic Unit Boundaries

4.0 HIGH RISK AREAS

A list of high-risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo county crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek, which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek, which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

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TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-2)

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	D	045044	ALA	92	5.9	6.9	Intersection improvement	SWPPP					1/1/01	5/1/03
2	B	00297	ALA	0	0	0	Remodel admin bldg.	SWPPP		11/15/87	9/7/01	6/1/02	1/1/03	4/1/04
3	C	15535	ALA	238	9.2	11.2	Grind existing PCC pavement & place	SWPPP		7/25/85	6/6/00	6/1/04	4/1/05	4/1/08
4	D	23365	ALA	238	3.3	3.9	Seismic retrofit outside (densify	SWPPP/	no		1/4/96	10/1/01	2/1/02	5/1/04
5	B	44980	ALA	238	14	16.7	Widen I-238 from 4-6 lns, Aux on 1-880	SWPPP	no	9/20/01	9/20/01	8/1/04	7/1/05	1/1/08
6	C	0C680	ALA	24	1.8	6.2	Strc mod to tunnel & rdwy - bore #3	HR	na	9/9/99	9/9/99	8/1/01	2/1/02	11/1/02
7	C	24770	ALA	24	5.5	6.2	Cons. Bart station & parking lots	HR		10/24/97	10/24/97	9/1/03	5/1/04	6/1/06
8	D	44014	ALA	260	0.8	1.9	Modify freeway interchange	SWPPP	yes	10/15/97	10/15/97	6/6/01		6/1/04
9	B	44820	ALA	260	0.6	1.2	Widen & extend tinker ave. to Webster st.	SWPPP	no	12/19/01	12/1/02	4/1/03	7/1/03	2/1/04
10	B	13068	ALA	580	39.4	39.7	Highway sound-wall north (WB) side	SWPPP		6/25/98				
11	B	24900	ALA	238	14.2	16.7	Modify interchange	SWPPP		2/11/98	9/1/02	9/1/04	7/1/05	7/1/08
12	B	17130	ALA	580	13.2	14.9	Construct new interchange	SWPPP/	no	10/3/95	12/1/01	6/1/03	1/1/04	3/1/05
13	C	23379	ALA	580	21	0	Hov/transit ramp & ped/bike o/c	SWPPP			11/14/91	3/1/02		4/1/04
14	D	23392	ALA	580	19.8	21	Reconstruct interchange	SWPPP		6/1/94	7/23/96	11/13/97	6/17/98	8/1/02
15	D	23810	ALA	580	9.3	10.1	Interchange modification	SWPPP		6/15/99	11/1/01	11/1/02	3/1/03	6/1/04
16	D	25770	ALA	580	17.4	18.6	Replacement planting	SWPPP	no	8/1/01	8/1/01	8/1/01	11/1/01	11/1/03
17	A	29080	ALA	580	9.6	17.9	HOV widening	SWPPP	no	6/29/01	12/1/04	4/1/06	5/1/07	6/1/09
18	D	17680	ALA	680	20.1	21.9	Replace planting & irrigation	SWPPP		7/28/93	9/19/97	2/28/00	7/28/00	10/1/04
19	A	28600	ALA	680	0	19.4	NB HOV and Aux lns bet Rt 237 & Rt 580	SWPPP/		7/31/00	7/1/03	4/1/04	1/1/05	1/1/07
20	C	17090	ALA	80	5.6	6.1	Construct bikeway & overlook	SWPPP		10/6/97		9/1/01	7/1/02	9/1/04
21	D	18162	ALA	80	5.7	6.8	Construct frontage improvements	SWPPP		8/27/93	5/20/99	3/7/01	7/17/01	10/1/05
22	B	25620	ALA	80	4.2	4.8	Construct 4 lane highway	SWPPP	no	7/1/99	8/1/03	7/1/05	4/1/06	5/1/08
23	C	29226	ALA	80	2.5	3.2	Seismic retrofit - phase 2	SWPPP	SWPPP Required	12/14/98	3/31/99	6/1/04	1/1/05	12/1/05
24	A	14670	ALA	84	14	15	Seismic retrofit - phase 2	SWPPP	no	12/8/98	2/1/03	2/1/03	4/1/03	6/1/04
25	A	17440	ALA	84	12.1	13	Realign & improve sight distance	SWPPP	Alameda creek	11/2/01	7/1/04	1/1/06	8/1/06	8/1/07
26	B	23303	ALA	84	6.9	10.8	Widen to 8 lanes (portion to 0418d)	SWPPP		6/25/90	5/1/02	3/1/05	10/1/05	10/1/07
27	D	26820	ALA	84	24.4	25.5	Improve median for relinquishment	SWPPP	no	10/1/99	10/1/99	10/1/99		
28	C	17060	ALA	880	30.3	30.9	Pedestrian and bicycle over-crossing	SWPPP/		9/29/00	9/29/00	9/1/02	8/1/03	8/1/08
29	B	23322	ALA	880	0.1	2.9	Cons. on/off ramps, slip ramps	SWPPP/		10/3/90	3/1/02	12/1/02	11/1/03	6/1/06
30	B	26000	ALA	880	31	32.2	Install fiber optic trunk-line	SWPPP		6/12/00	4/1/03	4/1/04	2/1/05	2/1/07
31	D	29236	ALA	880	32.6	34.1	Cons. 3 toll booths and walkway	SWPPP	no	6/1/98	9/5/00	12/5/00		6/1/06
32	D	04502	ALA	92	2.3	2.7	Widen the roadway from 4 to 6 lanes	SWPPP	San Francisco Bay	2/22/88	11/23/98	8/12/99	8/23/01	5/1/03
33	D	04503	ALA	92	2.3	6.4	Widen E/b Orinda off-ramp modification	SWPPP		2/22/88	11/23/98	12/6/99	5/12/00	11/1/02
34	B	15068	ALA	980	1.3	2	Construct new 4 lane expressway	SWPPP		12/10/99	7/1/02	7/1/05	12/1/04	12/1/05
35	A	25760	ALA		16.3	17.1	Interchange modification	SWPPP		9/1/01	9/1/01	11/1/01	5/1/02	9/1/03

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No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
36	C	22901	CC	04	22.2	23.8	Wdn & reconstr IC (railroad av. IC)	SWPPP	None	10/2/97	2/14/01	7/1/02	5/1/03	4/1/05
37	B	25271	CC	24	1.7	3.8	Caldecott tunnel 4th bore	HR		9/2/99	5/1/04	2/1/06	9/1/06	10/1/10
38	A	28180	CC	24	1.2	2.1	Planting & irrigation restoration	HR	None	9/27/01	10/1/03	7/1/05	3/1/06	3/1/07
39	B	29490	CC	24	0.1	1.3	Extend HOV - Rte 4 to Cummings	SWPPP	It appears none.	12/1/00	6/1/04	12/1/07	11/1/08	11/1/13
40	C	22877	CC	4	22.2	23.8	Modify i/c and south approach	SWPPP/401	Kirker Creek	10/2/97	12/1/00			
41	D	0438U	CC	580	6.1	7.8	Instl new br e of exit-incl. bike ln	SWPPP/401	San Francisco Bay	8/15/97	8/15/97	5/20/99	10/13/00	3/1/05
42	D	00603	CC	680	24.9	25.5	Toll plaza construction	SWPPP/401	Carquinez Strait		10/31/97	4/20/00		1/1/05
43	D	00604	CC	680	24.4	24.5	Replace west span carquinez bridge	SWPPP			10/31/97	4/17/01		9/1/04
44	C	00605	CC	680	23.9	24.9	Rehab pier fenders piers 4 thru 12.	SWPPP			10/31/97	2/1/03	6/1/02	4/1/05
45	C	04908	CC	680	25.1	25.5	Widen for Hov lanes	SWPPP		9/1/95	9/1/95	10/1/01	10/1/03	5/1/04
46	B or C	22853	CC	680	2.8	7.5	HOV lanes	SWPPP/401	San Ramon Creek	11/6/99	7/1/02	5/1/04	12/1/04	4/1/06
47	C	22856	CC	680	15.6	24.3	Remove 1927 bridge & approaches	SWPPP/401	Grayson Creek,	12/29/97	12/3/99	2/1/02	11/1/02	12/1/04
48	D	01301	CC	80	13.8	14.7	Replace wb deck main span, rehab	SWPPP/401		8/13/92	3/27/98	4/26/99	1/28/00	7/1/04
49	N/A	01305	CC	80	12.7	13.8	HOV lanes	SWPPP	Carquinez Strait	8/13/92	3/27/98	5/8/00	12/19/00	10/1/03
50	C	01309	CC	80	13.7	14.1	Provide replacement & mitigation	SWPPP/401		8/13/92	3/27/98	10/1/02	7/1/03	3/1/05
51	C	0130A	CC	80	20.4	22.2	Seismic retrofit - phase 3	SWPPP		8/13/92	3/27/98	6/1/03	1/1/04	6/1/04
52	D	04700	CC	80	13.5	14.1	Repl travelers scaff install auto	SWPPP		1/3/96	7/1/97	5/8/00	12/11/00	5/1/03
53	D	04711	CC	80	13.9	14.1	Replace timber fenders piers 2 & 3	SWPPP		9/1/95	9/1/95	4/26/01		9/1/02
54	D	04907	CC	80	13.9	14.2	Construct new approaches, I/C &	SWPPP		9/1/95	9/1/95	12/1/01	7/1/02	3/1/03
55	B	26370	CC	80	10	14.2	Add Auxiliary lanes (both direction)	SWPPP/401	Potentially the creeks	1/29/99	4/1/03	4/1/03	10/1/03	10/1/05
56	B	26400	MRN	101	23	27.7	Rt 101 median widening to 8 lanes	303d	San Antonia Creek,	1/29/99	6/1/05	6/1/07	3/1/08	10/1/11
57	N/A	11575	MRN	101	7.9	12.8	Levee project	SWPPP/401	na	1/16/98	12/3/99			
58	N/A	25130	MRN	101	0.1	0.6	Nb/Sb Hov & Sb Aux Ln; I/C imprvmt	SWPPP/401	San Francisco Bay	10/15/97	11/14/00	11/1/01	7/1/02	5/1/04
59	N/A	26570	MRN	101			Install traffic operations system	SWPPP/401	Corte Madera Creek;			9/1/01		
60	A	28112	MRN	101	6.1	12.1	Widen 4-lane Expwy to 6-lane Frwy,	SWPPP/401	Lynch Creek, Corona	7/1/03	7/1/04	7/1/05		
61	C	28140	MRN	101	14.6	14.7	Replace existing deck concrete	SWPPP/401	Miller Creek located	6/1/01	11/1/92	7/1/03		
62	B	28200	MRN	101	18.6	23	101/Lucas Valley Road U/C widening	SWPPP/401	Novato Creek, Rush	4/24/01	12/1/05	6/1/07	5/1/09	10/1/11
63	N/A	15067	MRN	37	11.2	14.6	Widen from 2-lane conv hwy to 4-lane	303 d	San Pablo Bay; Napa	12/10/99	9/26/00	4/1/02	12/1/02	10/1/03
64	C	04152	MRN	580	1.9	4.8	Upgrade rest area	SWPPP		8/30/95	8/30/95	7/1/02	10/1/03	1/1/05
65	B	26410	NAP	12	0.1	3.3	Roadway rehabilitation	SWPPP/401		3/9/01	6/1/05	7/1/08	5/1/09	1/1/12
66	B	20090	NAP	121	6.6	9.4	Improve intersection / upgrade to I/C	SWPPP/401	Sarco Creek	10/1/01	10/1/06	4/1/07	12/1/07	9/1/09
67	C	20940	NAP	121	6.4	6.5	Maxwell bridge replacement	SWPPP/401	Tulucay Creek	10/22/97	6/1/01	11/1/02	5/1/03	5/1/04
68	C	25380	NAP	121	5	5.5	Curve improvement	SWPPP/303d	Napa River	10/30/98	3/15/00	4/1/02	1/1/03	9/1/05
69	N/A	0A050	NAP	29	6.9	8.5	Modify interchange	SWPPP		9/1/01				
70	D	12061	NAP	29	18.7	21.7	Rt 29/12 intersection	SWPPP/401	Napa Creek	8/1/86	7/31/89	4/11/01		3/1/05
71	B	28790	NAP	29	4.2	5.5	I/c improvement project	SWPPP/401		10/26/00	7/1/03	5/1/05	7/1/06	10/1/08

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No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
72	B	28120	NAP	29/12	5.3	6.9	Replace bridge	SWPPP	Sauskol Creek	9/29/00	7/1/06	11/1/07	9/1/08	3/1/10
73	C	44420	NAP	Var	0.3	2	Construct interchange	SWPPP		8/31/01				
74		439531	SCL	17			NB 17 to 85 direct connector, Los Gatos	SWPPP			12/1/02	8/1/02		
75	C	439541	SCL	17			NB Aux Lane from Camden to Hamilton	SWPPP	Los Gatos river		8/1/02	9/1/02	6/1/03	6/1/04
76	B	439610	SCL	87	5.1	6.4	Widen freeway, 4 ln to 6 ln.	SWPPP/401	Guadalupe River	8/19/99	6/1/03	3/1/03	12/1/03	12/1/05
77	B	439600/43830	SCL	87	0	5.1	Widen freeway, 4 ln to 6 ln.	SWPPP/401	Guadalupe River	3/26/02	6/1/03	6/1/03	12/1/03	12/1/05
78	C	439901	SCL	101	26.7	0	Modify three interchanges	SWPPP/401	Coyote Creek	1/1/00		11/1/01	12/1/01	1/1/04
79	D	439901	SCL	101	17.8	27.6	Widen freeway, 4 ln to 6 or 8 ln.	SWPPP/401	Coyote Creek	8/7/01	5/8/01	8/1/01	8/22/01	3/26/03
80	D	OC750	SCL	101	0	17.6	Construct new interchange		Potentially Llagas	8/25/99	8/25/99	5/1/01	2/1/03	11/1/03
81		439813	SCL	152			Widen 152 from 101 to Miller slough	SWPPP/401	Miller Slough		5/1/02		7/11/02	1/6/03
82		439820	SCL	152			Widden 152, Miller slough to Llagas Creek	SWPPP/401	Miller Slough, Llagas Creek		5/1/03	6/1/03	9/1/03	1/1/05
83		439861	SCL	152			Modify I/C at 101	SWPPP			5/1/02	3/1/03	6/1/03	6/1/04
84	B	262001	SCL	880			Replace I/C	SWPPP			3/1/03	3/1/03	6/1/03	1/1/06
85	D	439400	SCL	880			Widen freeway, 4 ln to 6 ln.	SWPPP/401	Coyote Creek				6/22/01	9/2/03
86	B	12478	SCL	0	0	0	Mod i/c & const 2 ln N/b collector	SWPPP	NA	10/23/98	7/29/99	5/24/02	1/1/03	1/1/04
87	N/A	0C900	SCL	101	27.6	40.2	Repair bridge scour	SWPPP/401	N/A	9/28/00	9/28/00	8/1/01	2/1/02	11/1/02
88	D	11612	SCL	101	22.9	24.1	Construct additional lanes	SWPPP/401	Coyote Canal And	3/21/86	11/20/91	6/29/01	3/1/02	5/1/03
89	C	25700	SCL	101	41.9	0	Add auxiliary lane & modify I/C	SWPPP		12/1/01		6/1/03	1/1/04	1/1/06
90	A	26470	SCL	101	40.5	41.5	Widen over-crossing	SWPPP		7/1/03	12/1/03	12/1/04	8/1/05	8/1/08
91	A	43560	SCL	101	28.4	29.4	Widen Hellyr avenue over-crossing	SWPPP		7/1/03	7/1/03	12/1/03	5/1/04	12/1/06
92	A	43570	SCL	101	30.3	30.2	Widening	SWPPP		7/1/03	7/1/03	12/1/03	5/1/04	12/1/06
93	B	43880	SCL	101	46.7	49.5	Widen from 4 to 6 lanes	SWPPP/401	Stevens Creek	8/4/00	11/1/01	12/1/01	8/1/02	12/1/04
94	D	43990	SCL	101	18.7	27.1	Replace bridge (scour)	SWPPP/401	Coyote Creek	8/7/01	5/8/01	8/1/01	9/1/01	8/1/03
95	C	4874G	SCL	101	40.2	41.2	Stabilize failing roadway	SWPPP/401	Guadalupe River	9/1/00	5/20/94	5/1/02	2/1/03	2/1/05
96	N/A	4C090	SCL	101	36.7	0	Replace channel lining	SWPPP/401	Coyote Creek	10/1/00	10/1/00			
97	D	24480	SCL	130	15.8	15.9	Construct light rail system	SWPPP/401	Smith Creek	10/17/97	10/17/97	4/12/00	11/13/00	12/1/02
98	D	43920	SCL	130	1.7	0	Highway planting restoration	SWPPP	NA	9/1/99	3/1/00	2/1/01	7/1/01	1/1/04
99	B	13166	SCL	17	4	13.9	Prepare flood mitigation plan	HR		9/19/91				
100	N/A	1S630	SCL	17	6.9	6.9	Replace with polyester concrete	SWPPP/401	Los Gatos Creek		4/4/00	1/1/02		
101	C	21444	SCL	17	3.7	4.3	Modify rte 237/880 i/c (stage c)	SWPPP/HR		1/1/99	12/1/99	12/1/01		
102	C	24560	SCL	17	0.8	1.3	Rt 17/85 improvements	HR		11/25/96	11/25/96	1/1/02	11/1/02	3/1/03
103	A	26490	SCL	17	0	6.3	Construct direct	HR		9/1/02	3/1/03	7/1/04	3/1/05	9/1/05
104	A	43950	SCL	17	7.1	13.9	Wet pavement correction	SWPPP	Los Gatos Creek	8/1/02	8/1/02	6/1/03	12/1/03	2/1/06
105	C	43952	SCL	17	8.9	9.4	Rwqcb-detention basin	SWPPP	NA	12/1/01	12/1/01	5/1/02	11/1/02	2/1/05
106	C	43970	SCL	237	8	9.6	Replace planting & irrigation upgd	SWPPP/401	Coyote Creek	8/4/99	5/10/01	10/1/01	3/1/02	4/1/04
107	C	439701	SCL	237/880	8.5 &	9.5 &	Construct I/C, stage C and HOV direct	SWPPP	Coyote Creek	8/4/99	5/10/01	6/20/02	10/24/02	6/15/04

SECTION FIVE

Regional Work Plan

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
108	C	24460	SCL	280	2.3	2.8	Widen 4-lane highway to 6-lane	SWPPP/401	NA	10/28/98	6/29/01	2/1/02	8/1/02	8/1/06
109	D	20570	SCL	680	1.7	7.1	Army Corp erosion protections	SWPPP	NA	11/21/96	5/27/99	4/26/01		7/1/05
110	B	25610	SCL	85	10.8	0	Widen freeway from 4 lanes to 6 lanes	SWPPP/401	Los Gatos Creek		1/28/02	11/1/02	6/1/03	10/1/03
111	A	43810	SCL	85	4.8	5.8	Constr new maint sta	SWPPP	Guadalupe River	6/13/01	6/13/01	5/14/01	9/20/01	3/1/03
112	C	438301	SCL	85/ 101	0.1&	0.9 &	Construct HOV direct & one connectors	SWPPP/	Coyote Creek	9/15/00	11/8/01	1/17/02	2/7/02	8/1/04
113	B	438801	SCL	85/ 101	46.7	49.5	Modify I/C & Const 2 LN N/B Collector	SWPPP/401	Stevens Creek			Awarded 12/12/02	1/3/03	1/3/06
114	D	438101	SCL	85/ 87	4.8 &	5.9 &	Construct direct connectors	SWPPP	Guadalupe River	6/13/01	6/13/01	6/6/01	8/24/01	8/23/03
115	D	21842	SCL	87	5.6	6.2	Construct light rail system	SWPPP/401	Guadalupe River		4/9/92	9/1/00	6/1/01	8/1/02
116	D	43930	SCL	87	5.4	5.5	Freeway widening and Hov lane	SWPPP	Los Gatos Creek	11/1/99	10/1/00	10/1/01	3/1/02	9/1/04
117	B	43960	SCL	87	0.2	5.1	Widen freeway from 4 lanes to 6 lanes	SWPPP		7/26/02	4/1/03	7/1/03	12/1/03	12/1/05
118	B	43961	SCL	87	5.1	6.3	Highway planting Cat 3	SWPPP		8/19/99	4/1/03	7/1/03	12/1/03	12/1/05
119	B	48734	SCL	87	2.6	4.8	Reconstruct Coleman Ave I/C	SWPPP	NA	10/28/98				
120	C	4874C	SCL	87	8	9	Widen 4-lane highway to 6-lane	SWPPP			5/20/94	11/1/01	10/1/02	1/1/05
121	D	4874F	SCL	87	6.1	9.1	Widen 4-lane highway to 6-lane	SWPPP	NA		5/20/94	7/2/01		1/1/04
122	D	4874Q	SCL	87	6.3	7.1	Riparian plant cultivation/riparian	SWPPP/401	Guadalupe River		5/20/94	8/20/99	2/28/00	1/1/04
123	C	4874R	SCL	87	7.1	7.8	Grind PCCP	SWPPP/401	Guadalupe River		5/20/94	12/1/01	11/1/02	1/1/05
124	D	4874V	SCL	87	7.6	8.8	Constr new O/C , reconstr I/C	SWPPP/401	Guadalupe River		10/12/99	2/17/00	12/26/00	6/1/06
125	B	26200	SCL	880	2.4	3.4	Widen route 880 from 6 to 8 lanes	SWPPP		11/12/01	12/1/02	10/1/02	1/1/03	4/1/05
126	D	28552	SCL	880	9.9	10.5	Widen from 4 to 6 lanes	SWPPP/401	Scott Creek and		3/29/00	2/14/01	7/26/01	8/1/04
127	B	29830	SCL	880	4.4	8.4	Modify interchange and construct	SWPPP/401	Coyote Creek	5/15/02	5/1/06	7/1/08	9/1/09	10/1/11
128	D	43940	SCL	880	3.5	6.6	Bridge Replacement at Brokaw Creek Under	SWPPP/401	Coyote Creek	2/26/98	3/7/01	4/16/01	6/16/01	5/1/04
129	D	4C110	SCL	880	8.5	5.3	AC Resurfacing & Dowell Bar retrofit	SWPPP/401	Coyote Creek	10/11/00	3/7/01	4/16/01	6/16/01	5/1/04
130	C	01050	SF	80	5.1	7.8	Existing east span demolition	SWPPP		7/18/00	7/18/00	12/1/01	8/1/03	8/1/05
131	D	01200	SF	80	7.6	8.9	SFOBB W. approach archeology/retrofit	SWPPP/401		6/1/00	11/1/00	9/1/00	3/1/01	6/1/05
132	C	01209	SF	80	7.8	8.9	Repl 15kv cable and lower deck	SWPPP/401			2/1/98	11/1/04	7/1/08	7/1/09
133	C	04080	SF	80	5.4	8.8	Repl timber fenders w/rrp timbers	SWPPP		8/29/95	8/29/97	3/1/06	12/1/06	6/1/07
134	D	0435C	SF	80	4.9	5.9	Seismic retrofit	SWPPP		11/1/00	11/1/00	10/17/00	5/16/01	8/1/02
135	D	0435U	SF	80	5.5	7.8	Reconst w bay deck expansion joints	SWPPP		1/30/98	1/30/98	2/26/99	9/24/99	6/1/03
136	D	04461	SF	80	5.8	8.8	Seismic retrofit – phase 2	SWPPP			8/24/95	4/1/01	8/1/03	8/1/05
137	C	04904	SF	80	6	7.5	Replace SFOBB in lieu of retrofit	SWPPP		9/1/95	9/1/95	6/1/02	1/1/03	12/1/04
138	D	44000	SF	80	4.7	5	Reconstruct interchange	SWPPP		1/16/98	1/16/98	10/20/98	4/5/99	12/1/02
139	A	23565	SM	101	1.7	2.2	Reconstruct interchange	SWPPP/ 401		8/1/02	12/1/03	6/1/06	2/1/08	2/1/10
140	D	23572	SM	101	15.4	17.7	Modify interchange	SWPPP/401	Laurel Creek		5/3/99	6/8/00	3/2/01	8/1/02
141	C	23573	SM	101	3.6	11.9	Construct on and off ramp	SWPPP/401	Belmont		7/9/99	5/1/02	3/1/02	6/1/04
142	B	23584	SM	101	16.3	16.9	Aux lanes and safety improvement	SWPPP/401	Easton Creek	3/1/03	12/1/03	5/1/06	9/1/06	8/1/09

SECTION FIVE

Regional Work Plan

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
143	D	24150	SM	101	17.5	18.5	Interchange modification	SWPPP	NA	12/21/99	9/15/99	5/1/01	9/1/01	9/1/02
144	D	24710	SM	101	22.6	23.2	Bridge widening	SWPPP/401	NA	12/3/85	12/3/90	3/15/01	8/22/01	9/1/03
145	C	25490	SM	101	22.5	23.6	Route 101/Ralston Ave I/C modification	SWPPP		8/8/00	2/17/99	9/1/01	11/1/01	6/1/03
146	C	25680	SM	101	9.37	9.84	Modify S/b on & off ramps	SWPPP/401	Belmont Slough,	12/21/99	12/1/01	8/1/02	3/1/03	12/1/03
147	B	26420	SM	101	13.5	17.9	Install 4 changeable message signs	SWPPP/401	Easton Creek,	5/22/00	12/1/02	6/1/04	2/1/05	9/1/07
148	C	27280	SM	101	0.9	1	Local access at Rt. 280/380 I/C	SWPPP/	San Francisquito	12/3/90	12/1/00	6/1/01	8/1/01	8/1/02
149	B	13437	SM	280	16.3	16.5	Remove metal beam barrier and install concrete	HR		9/1/99				
150	B	15047	SM	280	0	27.4	Construct sound-wall east (NB) side	HR	NA	12/10/99	6/30/01	7/1/04	3/1/05	1/1/06
151	B	27081	SM	280	0	18.5	Improve drainage	SWPPP/HR		9/13/01	9/13/01	11/1/04	9/1/05	11/1/07
152	N/A	21300	SM	35	27.4	0	Storm damage repair	SWPPP		12/15/93				
153	C	26480	SM	380	4	5.1	Auxiliary lane widening	SWPPP	no	10/1/01	10/1/01	5/1/03	8/1/03	8/1/04
154	D	21270	SM	82	22.4	23.6	Slow vehicles ln/safety improvement	SWPPP	Colma Creek	9/23/94	5/24/00	4/4/01	8/21/01	6/1/03
155	N/A	1S15U	SM	84	9.99	10.21	Roadway rehabilitation	SWPPP/401	San Gregorio Creek			5/31/01		
156	D	04501	SM	92	16.4	18.8	Const new public road connection	SWPPP		2/22/88	11/23/98	5/7/98	10/27/99	5/1/03
157	B	13199	SM	92	5	7.3	Widen to 6 lanes	SWPPP /	Crystal Springs	1/5/87	7/1/03	10/1/04	7/1/04	9/1/06
158	B	23551	SM	92	7.1	11.8	Widen freeway to provide for Aux lanes	SWPPP/401	One wetland habitat	7/9/01	4/1/07	2/1/06	6/1/06	10/1/09
159	D	006064	SOL	780	1.1	2.3	Repair rock slide	SWPPP					11/15/01	10/1/04
160	C	0A040	SOL	12	0	4.49	Improve horizontal & vertical curves & widen to provide standard lane & shoulder	SWPPP	NA			4/1/05		
161	D	0s290	SOL	12	1.5	1.7	Construct 4 lane freeway(phse#2)	SWPPP			1/22/97	2/1/98		
162	B	0T090	SOL	12	7.9	14.7	Replace bridge	SWPPP		10/15/97	10/1/04	9/1/05	6/1/06	6/1/08
163	B	24090	SOL	12	14.4	15.2	Rt 37/ mare island i/c improvements	SWPPP		3/4/76	7/28/87	6/7/91	12/31/91	7/23/93
164	C	44410	SOL	12	2	3.9	Mitigation (wetland)	SWPPP	Ledgewood Creek	9/17/01				
165	D	0T141	SOL	37	8	9.5	Constr 4 ln fwy & I/C (phse#3)	SWPPP/401	Austin Creek; White	1/3/83	6/25/98	4/12/01		7/1/04
166	D	0T142	SOL	37	9.2	10.5	Construct I/C and north approach	SWPPP		1/1/83	6/25/98	1/1/02	2/1/03	12/1/05
167	B	28470	SOL	37	7.1	8.3	Restoration and widening of shoulder	SWPPP/401	San Pablo Bay	10/29/01	6/1/02	7/1/03	1/1/03	7/1/04
168	D	00606	SOL	680	0.3	1	Structural section repair	SWPPP			10/31/97	3/12/01	11/1/01	10/1/04
169	C	00608	SOL	680	1.6	1.9	Rehab pier 3 fender	SWPPP			10/31/97	7/1/02	2/1/03	2/1/05
170	B	25870	SOL	680	1.8	13.1	Recnst 80/680 connector & Aux ln, rte 80	SWPPP		10/1/99	7/1/03	1/1/04	9/1/04	9/1/06
171	C	0490A	SOL	80	0.3	0.5	Roadway rehab	SWPPP		9/1/95	9/1/95	12/1/01	7/1/02	3/1/03
172	D	0t050	SOL	80	0.6	6.9	Right turn lane, install traffic signals	SWPPP	NA	8/29/95	8/3/99	6/20/00	7/17/01	11/1/02
173	B	0T160	SOL	80	12.8	14.2	Green Valley road I/C reconstruction project	SWPPP/401	Suisun Creek; Dan	7/29/92	1/16/02	12/1/02	10/1/03	6/1/05
174	C	0T240	SOL	80	3.9	8.1	Rehabilitate bridge deck	SWPPP	NA	7/1/01	7/1/01			
175	C	24830	SOL	80	26	0	Reconstruct interchange	SWPPP		9/1/97	9/1/97			
176	B	29840	SOL	80	12	13	Right turn lane, install traffic signals	SWPPP	Green Valley Creek	11/1/00	7/1/03	7/1/05	7/1/06	12/1/08
177	B	26530	SON	116	46.6	46.7	Improve horizontal & vertical curves & widen to	SWPPP		11/20/00	7/1/05	10/1/07	6/1/08	6/1/10
178	B	28380	SON	116	41.8	44.7	Improve horizontal & vertical curves & widen to	SWPPP	Champlain Creek	12/28/01	10/1/05	3/1/08	11/1/08	1/1/10

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-2) (Continued)

*** SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,**

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities*								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
1	MRN	1	12.79	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
2	MRN	1	12.81	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
3	MRN	1	12.89	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
4	MRN	1	12.98	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
5	MRN	1	13.05	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
6	MRN	1	13.12	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
7	MRN	1	13.15	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
8	MRN	1	13.20	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
9	MRN	1	13.27	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
10	MRN	1	13.32	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
11	MRN	1	13.35	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
12	MRN	1	13.45	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
13	MRN	1	13.49	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
14	MRN	1	13.54	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
15	MRN	1	13.63	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
16	MRN	1	13.69	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
17	MRN	1	13.79	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Significant Roadway Maintenance Activities								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
18	MRN	1	13.82	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
19	MRN	1	16.95	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
20	MRN	1	17.01	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	401	Spring 2003	Fall 2003
21	MRN	1	43.33	Clean outlet channel		401	Spring 2003	Fall 2003
22	MRN	1	45.13	Clean outlet channel		401	Spring 2003	Fall 2003
23	MRN	2	16.66	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	402	Spring 2003	Fall 2003
24	MRN	3	16.72	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	403	Spring 2003	Fall 2003
25	MRN	4	16.74	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	404	Spring 2003	Fall 2003
26	MRN	5	16.76	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	405	Spring 2003	Fall 2003
27	MRN	6	16.80	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	406	Spring 2003	Fall 2003
28	MRN	7	16.82	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	407	Spring 2003	Fall 2003
29	MRN	8	16.85	Roadway Culverts along Bolinas Lagoon	Bolinas Lagoon	408	Spring 2003	Fall 2003
30	MRN	101	18.15	Clean channel		401	Spring 2003	Fall 2003
31	MRN	101	23.7	Clean outlet channel		401	Spring 2003	Fall 2003
32	MRN	101	27.6	Clean creek channel		401	Spring 2003	Fall 2003
33	SCL	101	39.58	Clean-out		401	Spring 2003	Fall 2003
34	SCL	101	39.59	Clean-out		401	Spring 2003	Fall 2003
35	SCL	101	40.3	Clean-out		401	Spring 2003	Fall 2003
36	SCL	101	40.55	Clean-out		401	Spring 2003	Fall 2003
37	SCL	101	40.81	Clean-out		401	Spring 2003	Fall 2003
38	SCL	237	2.05	Clean-out		401	Spring 2003	Fall 2003
39	SCL	237	2.29	Clean-out		401	Spring 2003	Fall 2003
40	SCL	680	7.4	Clean-out		401	Spring 2003	Immediately
41	SM	1	4.32	Veg. Slit removal	White-house Creek	401	Spring 2003	Fall 2003
42	SM	1	5.73	Veg. Slit removal	Gassos Creek	401	Spring 2003	Fall 2003

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Significant Roadway Maintenance Activities								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
43	SM	1	20	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
44	SM	1	24.45	Veg. Slit removal	Purisima Creek	401	Spring 2003	Fall 2003
45	SM	1	27.04	Veg. Removal	Pacific Ocean	401	Spring 2003	Fall 2003
46	SM	1	29.69	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
47	SM	1	30.29	Veg. Slit removal	Freedman Creek	401	Spring 2003	Fall 2003
48	SM	1	30.82	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
49	SM	1	30.97	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
50	SM	1	31.31	Veg. Slit removal	Arroyo Creek	401	Spring 2003	Fall 2003
51	SM	1	31.65	Veg. Slit removal		401	Spring 2003	Fall 2003
52	SM	1	32.09	Veg. Slit removal		401	Spring 2003	Fall 2003
53	SM	1	33.04	Veg. Slit removal	Desmison Creek	401	Spring 2003	Fall 2003
54	SM	1	33.32	Veg. Slit removal	Desmison Creek	401	Spring 2003	Fall 2003
55	SM	1	33.32	Remove silt & vegetation		401	Spring 2003	Immediately
56	SM	1	34.75	Veg. Removal	San Franciscito Creek	401	Spring 2003	Fall 2003
57	SM	1	35.15	Veg. Slit removal		401	Spring 2003	Fall 2003
58	SM	1	35.29	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
59	SM	1	35.89	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
60	SM	1	36.69	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
61	SM	1	36.88	Veg. Slit removal	Pacific Ocean	401	Spring 2003	Fall 2003
62	SM	1	37.09	Veg. Slit removal	Martini Creek	401	Spring 2003	Fall 2003
63	SM	1	40.7	Remove silt & vegetation		401	Spring 2003	Fall 2003
64	SM	1	41.4	Remove silt & vegetation		401	Spring 2004	Fall 2004
65	SM	1	47.6	Veg. Slit removal	San Vicorle Creek	401	Immediately	Fall 2003
66	SM	1	10.4-10.7	Veg. Slit removal		401	Spring 2003	Fall 2003
67	SM	84	1.39	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
68	SM	84	2.1	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
69	SM	84	2.89	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
70	SM	84	4.6	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
71	SM	84	5.6	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Significant Roadway Maintenance Activities								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
72	SM	84	5.9	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
73	SM	84	6.02	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
74	SM	84	6.18	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
75	SM	84	7.36	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
76	SM	84	7.55	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
77	SM	84	8	Veg. Slit removal	San Gregorio Creek	401	Spring 2003	Fall 2003
78	SM	92	1.4	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
79	SM	92	1.8	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
80	SM	92	2.42	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
81	SM	92	2.9	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
82	SM	92	3.3	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
83	SM	92	3.65	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
84	SM	92	3.71	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
85	SM	92	3.8	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
86	SM	92	4.36	Veg. Slit removal	Pilarcitos Creek	401	Spring 2003	Fall 2003
87	SM	101	17.9	Veg-removal		401	Spring 2003	Fall 2003
88	SM	101	22.7	Trees, tulles removal		401	Spring 2003	Fall 2003
89	SM	101	26.1	Silt removal		401	Immediately	Fall 2003
90	SON	101	4.77	Clean vegetation		401	Spring 2003	Fall 2003
91	SON	101	8.05	Clean vegetation		401	Spring 2003	Fall 2003
Maintenance Facility and Activity Inspections								
The District Maintenance Storm Water Coordinator will schedule all Maintenance Facilities within District 4 for annual inspection. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.								
The District Storm Water Coordinator will identify and schedule an inspection of the selected temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.								
Maintenance Facility BMP Improvements								
Inspections described above must be conducted before identifying any improvements.								
Maintenance BMP Actions/Modifications								
Inspections described above must be conducted before identifying any actions or modifications.								

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Significant Roadway Maintenance Activities								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
Vegetation Management and Vegetated Slope Management								
The District 4 Vegetation Control Plan (VCP) goals for FY 2003/04 is the following: <ul style="list-style-type: none"> • Develop the 2003/04 Vegetation Control Program and Input the data into the New IMMS (Integrated Maintenance Management System) computer program • Implement the new Vegetation Control Program with the field crews • Continue with the Department's goal of a 50% reduction in the use of Herbicides • Provide Annual Training to all applicators which includes BMP's while applying Pesticides 								
The District 4 Vegetation Control Plan (VCP) goals for FY 2003/04 is the following: <ul style="list-style-type: none"> • Develop the 2003/04 Vegetation Control Program and Input the data into the New IMMS (Integrated Maintenance Management System) computer program • Implement the new Vegetation Control Program with the field crews • Continue with the Department's goal of a 50% reduction in the use of Herbicides • Provide Annual Training to all applicators which includes BMP's while applying Pesticides 								

* Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

Criteria

- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Alameda County, San Leandro Maintenance Yard	Maintenance Station Characterization Study
Alameda County, Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP. The Construction Storm Water Coordinator will attend more pre-construction meetings for new jobs going out to construction.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of construction sites associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Project Planning and Design Guide Training, which provides design guidance for incorporating storm water quality controls into projects during the planning and design phases, will be scheduled once a month. Similar events will be planned for outreach to the transportation authorities, other outside agencies, and consultants which commonly plan and design projects for construction within the Department right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2003.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need "refresher" training and any new staff. Training courses that specifically addresses responsibilities of Resident Engineers and inspectors are offered throughout the year. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way. Information regarding training classes is also available for contractors to fulfill the 24 hour training requirement for SWPPP prepares and Contractor's on-site "Water Pollution Control Manager".	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none"> • Standardized Training Modules given at the Supervisors/Superintendents Annual Meeting and forwarded to crew personnel • BMP tailgate meetings with crews every 10 working days • Facility Inspections to verify compliance – review with crew and supervisors • Operational BMP inspections to verify compliance - review with crew and supervisors <p>The District Maintenance Web Site has these Training Modules available as well as a general informational site that is updated quarterly.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees.</p> <p>Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District will work to develop a Storm Water Pollution Prevention Public Outreach Campaign.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Department right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

3

CALTRANS DISTRICT

4

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 4

CENTRAL COAST, REGION 3

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 4

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

CENTRAL COAST REGION 3
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 4**

CERTIFICATION

**REGIONAL WORK PLAN
Fiscal Year 2003/2004**

**California Regional Water Quality Control Board
[CCRWQCB] Region 3**

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)]



Storm Water Program Manager

Department District 4

Date: 2/11/03

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on Districts 4, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and include portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

Staff	Title	Phone Number	E-Mail Address
VACANT	Storm Water Program Manager		
Analette Ochoa*	District Storm Water Coordinator	510-286-5885	Analette_Ochoa @dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirley Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Beverly Bueno-Johnson	Public Affairs Coordinator	510-286-6175	Beverly Bueno _ Johnson @dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	<u>Thomas_Franklin@dot.ca.gov</u>
Borton Newton		510-286-5898	Barton_Newton@dot.ca.gov

* Analette Ochoa is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the Storm Water Coordinators (Coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of

storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.

- Work as the primary liaison, “single point of contact,” on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department’s right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.

- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.

- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.

- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.

- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.
- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.
- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents except Regional Workplan
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. The District 4 major roads, highways and boundaries within the Regional Water Quality Control Boards are presented on Figure 3-1 and Figure 3-2 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	80	2.0	East Bay Paint	Special Crews
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	980	1.25	Oakland	District 4 Office
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	0.1	Scott Creek Road (closed)	Satellite
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Maintenance Stations (continued)				
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
MONT	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	17	0.2	San Rafael Paint	Special Crews
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson ST., Napa
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	17	7.1	Los Gatos	Satellite
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	280	3.6	Alemany/Specialty Region	Special Crews
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM	35	10.0	Skylonda (closed)	Satellite
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	116		Shellville	Special Crews, Junct 12/116, Shellville
Vista Points				
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
NAP	29	6.6		Vista Point
SCL	35	14.1		Vista Point
SM	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
SM	280	7.2/7.5	Edgewood & Route 92	Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
Commercial Vehicle Enforcement Facilities				
ALA	580	R9.2	Livermore	EB
Commercial Vehicle Enforcement Facilities (continued)				
ALA	580	R8.9	Livermore	WB
ALA	680	R8.7	Mission Grade	NB
ALA	880	3.7	Nimitz	SB
ALA	880	4.2	Nimitz	NB

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
CC	680	15.9	Walnut Creek	NB
Commercial Vehicle Enforcement Facilities (continued)				
CC	680	16.0	Walnut Creek	SB
MRN	101	14.1	Terra Linda	Northbound (NB)
MRN	101	15.2	St. Vincents	Southbound (SB)
SCL	101	8.8	Gilroy	SB
SOL	80	14.2	Cordelia	Eastbound (EB)
SOL	80	14.4	Cordelia	Westbound (WB)
Roadside Rest Areas				
MRN	101	0.3	Dana Bowers	Northbound 101
SM	280	R13.5	Crystal Springs	Near San Francisco Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
Park and Ride Facilities				
ALA	13	13.4	7 th St. & Folger St.	Near Jct. 80 & Ashby
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
ALA	238	0.7	Mission SJ Park	At High School, Fremont (joint use)
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
ALA	580	29.2	Castro Valley	SE corner @ Center St. in Castro Valley
ALA	580	30.7	John Drive	John Drive in Castro Valley
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
CC	80	6.6	Richmond Parkway	SW quad of Rte 80/Richmond Pkwy
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
CC	680	3.0	Bollinger	SW quad I-680/Bollinger Canyon Road, San Ramon
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	101	20.2	Rowland Blvd	Rowland Blvd in Novato
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
Park and Ride Facilities				
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
SOL	12		Suisun City	Main and Florida
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
SON	101	3.6	Lakeville HWY (Rte. 116)	W side of 101 at Route 116, Petaluma
SON	101	12.7	Cotati	SE corner of Route 116 IC
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
CC	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

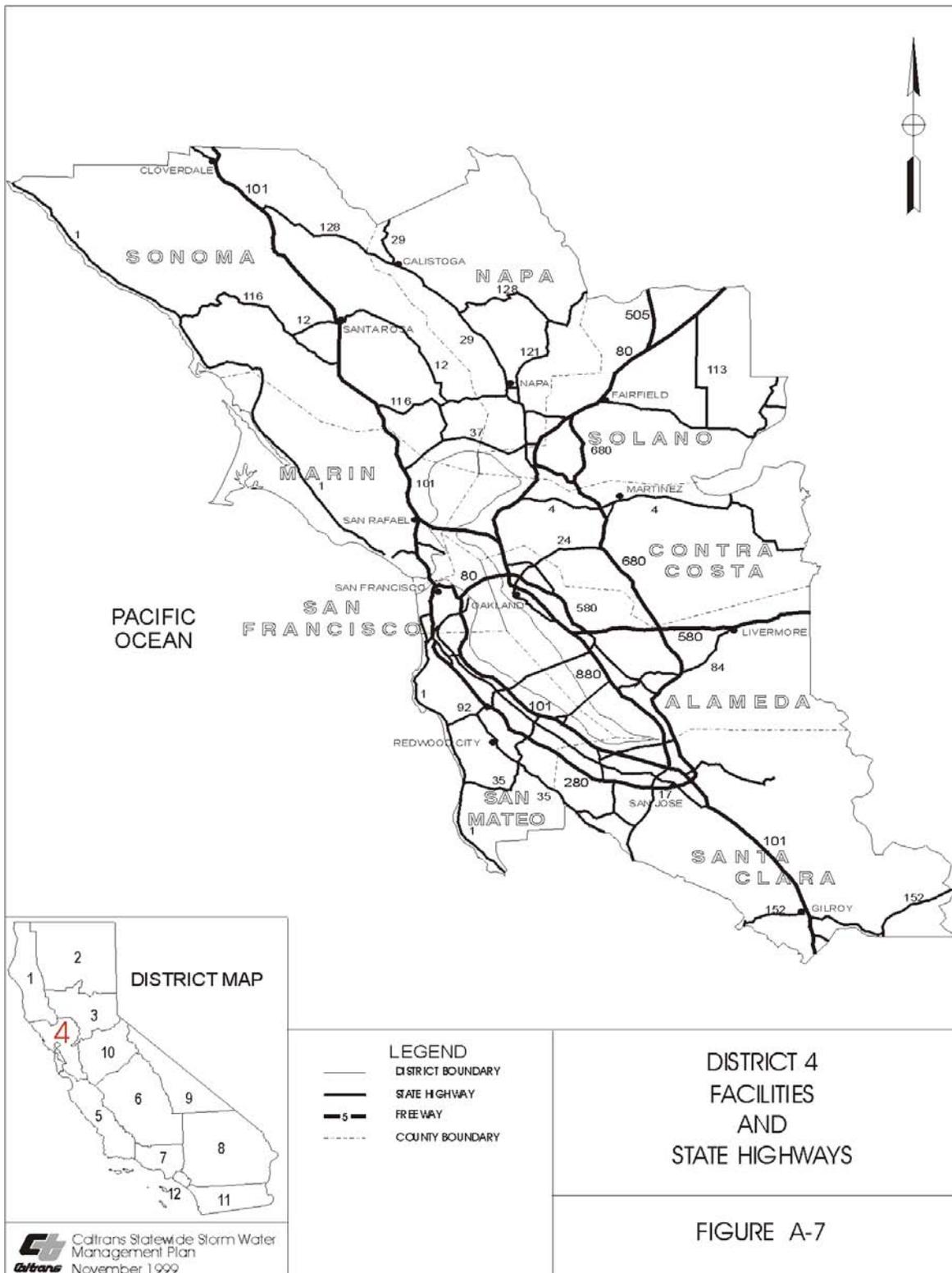


Figure 3-1
District 4 Facilities and State Highways

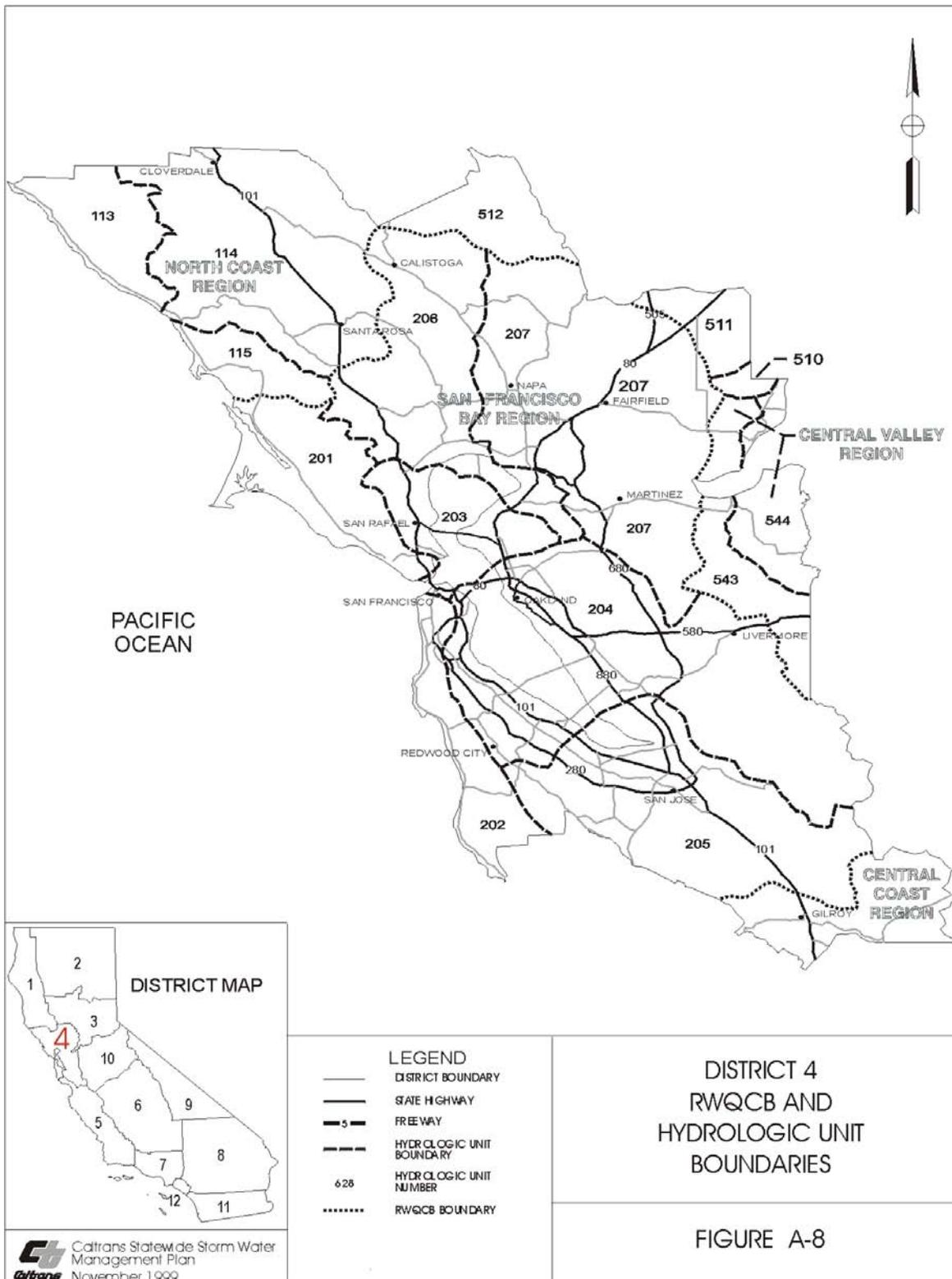


Figure 3-2
District 4 RWQCB and Hydrologic Unit Boundaries

4.0 HIGH RISK AREAS

A list of high-risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo county crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek, which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-3)

No.	SWMP Category *	EA #	Co.	Route	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	C	17490	SCL	152	14	21	Constr passing & truck climbing Ins	San Felipe Lake (Hydrologic unit)	SWPPP / 401	6/30/93	1/1/01	9/1/02	8/1/03	6/1/04

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities*								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
1	SCL	25	0.0-1.0	Remove silt		401	Spring 2003	Fall 2003
2	SCL	25	1.5-2.2	Remove silt		401	Spring 2003	Fall 2003
3	SCL	101	0.0--1.2	Remove silt		401	Spring 2003	Fall 2003
4	SCL	152	12.3	Remove silt		401	Spring 2003	Fall 2003
5	SCL	152	12.5	Remove silt		401	Spring 2003	Fall 2003
6	SCL	152	13.8	Remove silt		401	Spring 2003	Fall 2003
7	SCL	152	14.8	Remove silt		401	Spring 2003	Fall 2003
8	SCL	152	16.31	Remove silt		401	Spring 2003	Fall 2003
9	SCL	152	16.44	Remove silt		401	Spring 2003	Fall 2003
10	SCL	152	16.54	Remove silt		401	Spring 2003	Fall 2003
11	SCL	152	16.58	Remove silt		401	Spring 2003	Fall 2003
12	SCL	152	16.78	Remove silt		401	Spring 2003	Fall 2003
13	SCL	152	16.83	Remove silt		401	Spring 2003	Fall 2003
14	SCL	152	16.9	Remove silt		401	Spring 2003	Fall 2003
15	SCL	152	17.1	Remove silt		401	Spring 2003	Fall 2003
16	SCL	152	17.33	Remove silt		401	Spring 2003	Fall 2003
17	SCL	152	17.42	Remove silt		401	Spring 2003	Fall 2003
18	SCL	152	17.47	Remove silt		401	Spring 2003	Fall 2003
19	SCL	152	17.91	Remove silt		401	Spring 2003	Fall 2003
20	SCL	152	18	Remove silt		401	Spring 2003	Fall 2003
21	SCL	152	18.3	Remove silt		401	Spring 2003	Fall 2003
22	SCL	152	19.6	Remove silt		401	Spring 2003	Fall 2003
23	SCL	152	24.08	Remove silt		401	Spring 2003	Fall 2003
24	SCL	152	24.3	Remove silt		401	Spring 2003	Fall 2003
25	SCL	152	24.65	Remove silt		401	Spring 2003	Fall 2003
26	SCL	152	12.5-13.2	Remove silt		401	Spring 2003	Fall 2003
27	SCL	156	0.0--0.5	Remove silt		401	Spring 2004	Fall 2004

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Maintenance Facility and Activity Inspections
The District Maintenance Storm Water Coordinator will schedule all Maintenance Facilities within District 4 for annual inspection. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.
The District Storm Water Coordinator will identify and schedule an inspection of the selected temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.
Maintenance Facility BMP Improvements
Inspections described above must be conducted before identifying any improvements.
Maintenance BMP Actions/Modifications
Inspections described above must be conducted before identifying any actions or modifications.
Vegetation Management and Vegetated Slope Management
The District 4 Vegetation Control Plan (VCP) goals for FY 2003/04 is the following: <ul style="list-style-type: none"> • Develop the 2003/04 Vegetation Control Program and Input the data into the New IMMS (Integrated Maintenance Management System) computer program • Implement the new Vegetation Control Program with the field crews • Continue with the Department's goal of a 50% reduction in the use of Herbicides • Provide Annual Training to all applicators which includes BMP's while applying Pesticides

* Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

Criteria

- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Alameda County, San Leandro Maintenance Yard	Maintenance Station Characterization Study
Alameda County, Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP. The Construction Storm Water Coordinator will attend more pre-construction meetings for new jobs going out to construction.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of construction sites associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Project Planning and Design Guide Training, which provides design guidance for incorporating storm water quality controls into projects during the planning and design phases, will be scheduled once a month. Similar events will be planned for outreach to the transportation authorities, other outside agencies, and consultants which commonly plan and design projects for construction within the Department right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2003.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need “refresher” training and any new staff. Training courses that specifically addresses responsibilities of Resident Engineers and inspectors are offered throughout the year. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way. Information regarding training classes is also available for contractors to fulfill the 24 hour training requirement for SWPPP prepares and Contractor’s on-site “Water Pollution Control Manager.”	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

<p>Training and Public Outreach (Cont'd)</p> <p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none"> • Standardized Training Modules given at the Supervisors/Superintendents Annual Meeting and forwarded to crew personnel • BMP tailgate meetings with crews every 10 working days • Facility Inspections to verify compliance – review with crew and supervisors • Operational BMP inspections to verify compliance - review with crew and supervisors <p>The District Maintenance Web Site has these Training Modules available as well as a general informational site that is updated quarterly.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees. Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District will work to develop a Storm Water Pollution Prevention Public Outreach Campaign..</p>
<p>Municipal Coordination</p> <p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Department right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **3**

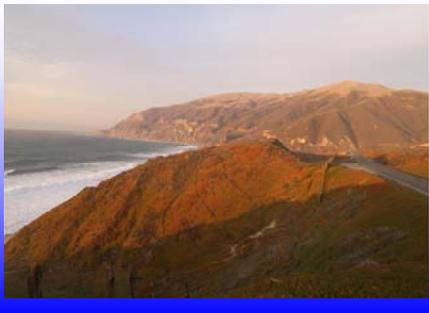
CALTRANS DISTRICT
5

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 5

CENTRAL COAST REGION 3

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 5

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**CENTRAL COAST REGION 3
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 5**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Coast Region 3**

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)]



R. Gregg Albright, District Director

03/03/03

Date

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department of Transportation's (the Department's) districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2003/2004 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District 5's storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

The majority of District 5 falls within the jurisdiction of the Central Coast (RWQCB). There is a small area located in the eastern part of San Benito County that is not within the jurisdiction of the Central Coast RWQCB, but there are no State Highways in that part of the county. District 5 is one of four Districts within the Department that compose the Central Region. District 5 takes part in the Central Region Storm Water Program to achieve compliance within the District. An organizational chart for the Central Region Storm Water Program is included in Figure 2-1 on Page 2-2. Staff responsible for implementing the SWMP within the Central Coast RWQCB’s jurisdiction are listed in Table 2-1.

TABLE 2-1: STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Senior Regional NPDES Coordinator	559-243-3565	Marc_Boswel@dot.ca.gov	Oversees all Central Region Project Development Division storm water control employees.
Jennifer O’Neal	District NPDES Coordinator	805-784-9521	joneal@dot.ca.gov	Primary point of contact for storm water within District 5.
Jon Wood	District Maintenance Storm Water Coordinator	805-549-3836	Jon_Wood@dot.ca.gov	Responsible for coordinating Maintenance storm water activities.
Harry Afshar	District Encroachment Permits Storm Water Coordinator	805-549-3210	Harry_Afshar@dot.ca.gov	Responsible for coordinating Encroachment Permit (3 rd Party) activities
Pete Riegelhuth	District Construction Storm Water Coordinator	805-549-3661	Pete_Riegel@dot.ca.gov	Responsible for coordinating Construction storm water activities.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board (SWRCB) or the RWQCB.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
Deputy Division Chiefs	All
Senior Regional NPDES Coordinator	All correspondence with the RWQCB including responses to enforcement activities.
Senior Design Engineer	Notice of Construction
Construction Senior	SWPPP approval, Amendments to the Notice of Construction, Notice of Completion of Construction.
Maintenance Superintendent	Maintenance activity reports.

SECTION TWO

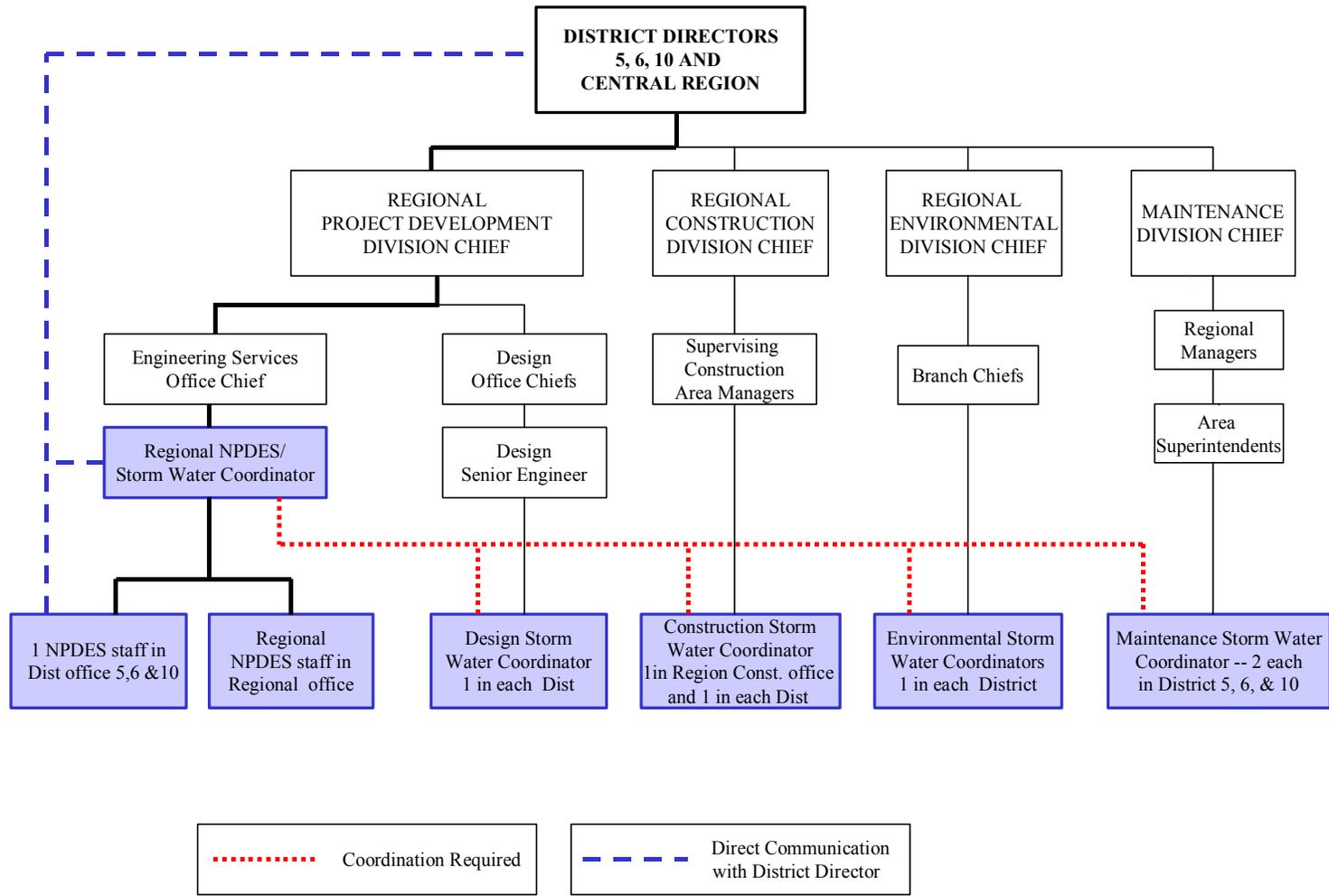


Figure 2-1
District 5, 6, and Central
Region Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and RWQCB’s jurisdiction. A list of the Department’s facilities, excluding roadways, is presented in Table 3-1. A map showing the District 5 boundaries within the CCRWQCB and major roads and highways is presented in the SWMP, Appendix A, Figure A-9, page A-30.

TABLE 3-1: DISTRICT 5 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
San Luis Obispo	101	27.5	San Luis Obispo	District 5 Office
San Luis Obispo	1	46.0	Cambria	Hwy Maintenance
San Luis Obispo	41	42.3	Shandon – U.C.	Hwy Maintenance
San Luis Obispo	101	27.5	San Luis Obispo	Hwy Maintenance
San Luis Obispo	101	52.4	Templeton	Hwy Maintenance
San Luis Obispo	166	60.1	Cuyama	Hwy Maintenance
Monterey	1	10.4	Willow Springs	Hwy Maintenance
Monterey	1	46.3	Big Sur	Hwy Maintenance
Monterey	68	5.2	Monterey	Hwy Maintenance
Monterey	101	39.8	King City	Hwy Maintenance
Monterey	101	86.3	Salinas	Hwy Maintenance
San Benito	156	11.7	Hollister	Hwy Maintenance
Santa Barbara	101	18.1	Santa Barbara	Hwy Maintenance
Santa Barbara	101	57.7	Buellton	Hwy Maintenance
Santa Barbara	135	13.5	Santa Maria	Hwy Maintenance
Santa Cruz	1	14.9	Santa Cruz	Hwy Maintenance
Vista Points				
San Luis Obispo	1	52.8	San Simeon Area	Vista Point
San Luis Obispo	1	55.5	San Simeon Area	Vista Point
San Luis Obispo	1	55.9	San Simeon Area	Vista Point
San Luis Obispo	1	56.0	San Simeon Area	Vista Point
San Luis Obispo	1	57.1	San Simeon Area	Vista Point
San Luis Obispo	1	60.6	San Simeon Area	Vista Point
San Luis Obispo	1	61.3	San Simeon Area	Vista Point
Monterey	1	11.3	Willow Creek (USFS)	Vista Point
Monterey	1	11.6	Willow Creek	Vista Point
Monterey	1	27.0	Big Sur	Vista Point
Monterey	1	37.0	Pfeiffer Burns State Park	Vista Point
Monterey	1	63.0	Garrapata Creek	Vista Point
Santa Barbara	101	41.1	Arroyo Hondo	Vista Point
Santa Barbara	154	13.56	Bradbury Dam Overlook	Vista Point
Santa Barbara	154	22.0	Cold Springs Rancho Cielo	Vista Point

TABLE 3-1: DISTRICT 5 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Commercial Vehicle Enforcement Facilities				
None				
Roadside Rest Areas				
Monterey	101	R3.1	Camp Roberts	8.5 mi. N of San Miguel; NB & SB
San Luis Obispo	46	49.6	Shandon	0.9 mi E of Route 41 Westbound
Santa Barbara	101	46.9	Gaviota	At S. end of Gaviota Tunnel; Northbound (NB) & Southbound (SB)
Park and Ride Facilities				
Monterey	101	54.9	Thorne Road	In Greenfield
San Luis Obispo	41E	16.35	Family Health Center Building	New Stadium Park Bridge
San Luis Obispo	58	1	At the 101/58 Interchange	SE Quadrant of Interchange
San Luis Obispo	101	42.3	Atascadero	SE corner of Santa Barbara Road IC
San Luis Obispo	101	44.01	At Santa Rosa	In Atascadero
San Luis Obispo	101	44.8	Cubaril Avenue	NE side Cubaril Ave. IC in Atascadero
San Luis Obispo	101	51.4	Las Tablas	In Templeton
Santa Barbara	135	10.4	Orcutt	NE Corner Clark Ave. IC
Santa Barbara	135	10.4	Orcutt	NW corner Clark Ave. IC
Santa Barbara	246	34.4	Santa Ynez	N side of Route 246 @ Jct. Rts 246 & 154
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in the SWMP, Appendix A, Figure A-10 and Table A-10, pages A-33 and A-34. Specific information on the Department's facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>.

4.0 HIGH RISK AREAS

A list of high risk areas within District 5 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from the Department’s right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SB-154 PM 10-20	Santa Barbara	Lake Cachuma	Reservoir is municipal water supply source for approximately 200,000 Residents of Santa Barbara County including the city of Santa Barbara, Montecito, Carpenteria, Goleta, and Summerland.	Route 154 is not a high volume of truck route. The route is mainly used by passenger vehicle traffic. Storm water discharges from the highway do not free-fall discharge into the reservoir, instead the discharge follows vegetated drainage courses prior to reaching any surface water. In the early 1980’s legislation was passed that prohibits trucks from transporting hazardous waste or hazardous material within the vicinity of the lake.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 identifies various program activities that will be completed during the next reporting period.

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	05-49370_	MO N	1	.3/ .9	San Carpojo Creek Bridge Culvert Replacement - Replace Culvert - Near Gorda At 4.8 Km And At 6.1 Km N Of San Carpojo Creek Bridge (Kp 0.5/1.4)		401 SWPPP	,5	NA	10/03	12/03	4/04	6/04
2	A	05-31592_	MO N	1	100.4/ 101.5	Salinas Road Interchange - Construct New Interchange - In Mon Co Near Moss Landing From 0.7 Km North Of Jensen Road To 0.9 Km South Of Monterey/Santa Cruz County Line (Kp 161.5/R163.3)	Pajaro River	401 303(d) SWPPP	75	6/00	10/05	7/08	12/08	1/11
3	A	05-0C820_	MO N	1	72.3/ 75.2	Carmel/Highway 1 Corridor - Capacity Increasing Improvements - "Near Carmel, Between The Carmel" River Bridge And Route 68 West (Kp 116.3/121.0)	Carmel River	SWPPP	> 5	12/01	10/07	4/10	2/11	2/16
4	D	05-47560_	MO N	1	74.9 / 77.4	Construct Thrie Beam Barrier Near Monterey From 0.6 Km North Of Carpenter Street To Aguajito Rd Uc (Kp 120.6/R124.5)	Carmel Bay, Pescadero Canyon, Hatton Canyon	SWPPP	13.4	9/00	10/00	3/02	12/02	9/03
5	D	05-4757V_	MO N	1	74.9/ 77.4	Monterey 1 Landscape Mitigation - Planting Mitigation For Thrie-Beam Barrier Project 05-4757u1 - In & Near Monterey From 0.6 Km N. Of Carpenter St._To Aguajito Rd. Uc And From Fremont St. Oc To 1.4 Km N Of Ord Village Oh (Kp 120.52/124.54 & 125.83/131.46)	Pacific Ocean, Monterey Bay	SWPPP	6	NA	NA	NA	10/03	10/06
6	D	05-4757U_	MO N	1	74.9/ 81.7	Mon 1 Median Barriers - Construct Thrie Beam Barrier - In Monterey County In And Near Monterey At Various Locations	Pacific Ocean, Monterey Bay	SWPPP	31	NA	7/01	3/02	6/02	9/03
7	D	05-47570_	MO N	1	R78.2 / R81.5	Construct Thrie Beam Barrier In Monterey From Fremont St Oc To 1.3 Km North Of Ord Village Oh (Kp R125.9/R131.2)	Monterey Bay, Roberts Lake, Laguna Grande, Del Monte Lake	SWPPP	17.5	10/00	10/00	3/02	10/02	8/03
8	A	05-0E020_	MO N	1	R90.4/ R100.7	Moss Landing Corridor - Corridor Study - In Moss Landing From Molera Rd / Nashua Rd Intersection To 1.0 Km N Of Jensen Rd (Kp R145.5/162.1)	Tembladero Slough, Morocojo Slough, Elkhorn Slough, Bennett Slough, Struve Pond	401 303(d) SWPPP	99	9/01	NA	NA	NA	NA

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
9	A	05-44800_	MON	68	3.8/ 4.3	Holman Highway - Widening & Intersection Improvements (Oversight) - .2 Km West Of Community Hospital Of Monterey Peninsula (Chomp) Entrance To Route 1/68 Separation (Kp 6.1/L6.9)		SWPP P	> 5	12/00	NA	NA	NA	NA
10	A	05-31580_	MON	101	100/ 101.3	San Juan Interchange - Construct New Interchange - Near Prunedale From 0.5 Km S Of Dunbarton Rd And Monterey/San Benito Co Line (Kp 160.9/163.0)	San Juan Creek	401 SWPP P	60	2/00	7/06	7/09	2/10	1/13
11	B	05-0E470_	MON	101	45.7/ 82.6	Mon 101 King City/Salinas Intersection Improvements - Install/Extend Median Acceleration & Left Turn Channelization - Various Intersections Between Central Ave To Gould Rd (Kp 73.6/132.9)		SWPP P	10	8/01	10/03	7/04	4/05	11/05
12	B	05-0H100_	MON	101	69.4/ 73.9	Gonzales Median Barrier & Safety Improvements - Construct Median Barrier And Safety Improvments - At Gonzales From Gloria Rd Oc To 7.2 Km N Of Gonzales At The Median Crossover/End Of Freeway (Kp 111.7/118.9)	Salinas River, John Creek, Gonzales Slough	401 SWPP P	25	8/02	3/05	2/06	5/06	9/06
13	D	05-0A140_	MON	101	76 / 77.9	Construct Median Barrier Near Chualar From 1.4 Km North To 1.5 Km South Of Main St Oc (Kp 122.4/125.3)	Salinas River, Chualar Creek	401 303(d) SWPP P	12	9/99	12/02	12/03	5/04	7/05
14	D	05-0A140_	MON	101	76/ 77.9	Chualar Median Barrier - Construct Median Barrier - In Monterey Co At Chualar From 1.5 Km South To 1.4 Km North Of Main St Oc (Kp 122.4/125.3)		SWPP P	9	NA	6/02	10/03	5/04	7/05
15	D	05-0E350_	MON	101	77.8/ 81	Chualar Barrier li - Construct Median Barrier - Near Salinas From 1.6 Km S Of Esperanza Rd To Spence Rd. (Kp 125.3/130.4)	Quail Creek	SWPP P	19	8/01	2/03	1/04	10/04	2/05
16	A	05-34950	MON	101	84.6/ 86.6	Airport Blvd I.C. - Reconstruct Interchange - In Salinas From 1 Km S To 1.5 Km North Of Airport Boulevard (Kp 136.1/139.3)		SWPP P	12	9/00	10/05	9/08	1/09	3/11
17	C	05-0161B_	MON	101	92.3/ 100.4	Prunedale Op Improvements B - Operational Improvements - Near Prunedale And Salinas From 0.8 Km N Of Boronda Rd To 0.8 Km N Of Crazyhorse Rd (Kp R148.5/R161.6)	Elkhorn Slough, Tembladero Slough,	401 303(d) SWPP P	4	4/84	6/02	8/04	1/05	1/06
18	B	05-46410_	MON	101	R3.1/R5.2	Camp Roberts Sra - Upgrade And Repair Facilities-N/B Address Parking Issues-S/B - At Camp Roberts Safety Roadside Rest Areas Northbound & Southbound (Kp R5.0-Nb/R8.3-Sb)	Salinas River	401 303(d) SWPP P	5.7	4/01	4/01	10/04	6/05	1/06

SECTION FIVE

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Agerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	B	05-0161X_	MON	101	R91.2/R100.4	Prunedale Freeway - Construct Freeway - In & Near Salinas On Rte 101 From 0.3 Km N Of Boronda Rd To 1.1 Km S Of San Juan Rd And At Prunedale On Rte 156 From 1.0 Km W Of Meridian Rd To Rte 101	Elkhorn Slough, Salinas Reclamation Canal, Espinosa Slough, Tembladero Slough, Merritt Lake, Lagunita Lake, Santa Rita Lake, San Miguel Creek, Prunedale Cr, Vierra Cr, Pesante Cr, Santa Rita Cr, Crazy Horse Cr, Gabilon Cr	401 303(d) SWPPP	815	8/01	3/05	6/07	11/07	11/10
20	A	05-0G020_	MON	101	R91.5/R98.8	Prunedale Rehab - Highway Rehab - Near Salinas From 0.5 Km South Of Espinosa Rd To 0.2 Km North Of Echo Valley Road (Kp R147.2/R159.0)	San Miguel Canyon. Vierra Canyon, Tembladero Slough	401 303(d) SWPPP	6	8/01	1/06	10/07	6/08	1/09
21	A	05-31600_	MON	156	R1.8/R4.8	Route 156 West Corridor - Construct Expressway - Near Castroville From Castroville Blvd To 0.7 Km West Of Route 101 / 156 Separation (Kp R3.0/T7.7)	Moro Cujo Slough	401 303(d) SWPPP	111	1/98	8/05	NA	NA	NA
22	B	05-0E240_	MON	183	0/ .1	Salinas 183 - Pavement Rehabilitation - Various Locations Frm Jct Bernal / 183 To .2 Km S/O Rte 183 & From .1 Km S/O Monterey St To .2 Km N/O Market Circle (Kp 0.0/0.2) (Kp 1.1/R3.4)		SWPPP	19	9/00	10/03	1/06	7/06	2/08
23	B	05-0A400	SB	33	0.0/8.2	Rehabilitate Roadway	Quantal Creek, Ballinger Creek	401 SWPPP	5	8/01	8/03	9/05	5/06	5/07
24	D	05-48460	SB	1	2.2 /	Repair Slipout Near Las Cruces (Kp 3.5)		SWPPP	5	NA	3/02	3/03	8/03	3/05
25	B	05-0A480	SB	1	41.7 / 49.2	Ac Overlay And Widen Shoulders Near Santa Maria From Black Rd To Jct Rte 166/1 (Kp 67.1/79.2)	Solomon Creek	SWPPP	5	9/00	10/03	9/05	1/06	11/06

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
26	B	05-0A480_	SB	1	41.7/49.2	Black Rd/Rte 166 Rehab - Ac Overlay And Widen Shoulders - Near Santa Maria From Black Rd To Jct Rte 166/1 (Kp 67.1/79.2)	Santa Maria River	401 SWPPP	8	9/00	10/04	7/06	1/07	11/07
27	C	05-48740_	SB	1	M29.9/M36.4	Vafb Cap M - Cap M - Near Lompoc From Main Gate Vafb To Soloman Rd (Kp M48.1/R58.6)	San Antonio Creek	401 303(d) SWPPP	15	8/99	8/99	5/02	3/03	4/04
28	B	05-0A400_	SB	33	0/ 8.2	Ventura/Sb/Slo Rehab - Rehabilitate Roadway - In Santa Barbara And San Luis Obispo Counties From Ventura/Santa Barbara Co Line To San Luis Obispo/ Kern Co Line (Sb Kp 0.0/13.2) (Slo Kp 0.0/8.1)	Bolenger Creek, Bolenger Creek, Quailtail Creek	401 SWPPP	5	8/01	1/02	7/04	12/04	12/05
29	B	05-46250_	SB	101	.3/ 7.5	Carpinteria Planting - Highway Planting Restoration - In And Near Carpinteria From 0.5 Km S Of Rincon Rd Oc To 0.5 Km N Of Padaro Lane Oc At Various Interchange Locations (Kp 0.5/12.0)	Sycamore Creek	401 SWPPP	5	8/01	7/04	7/06	1/07	7/11
30	B	05-44780_	SB	101	10.8/12.8	Milpas To Hot Springs Op Imps - Reconstruct Two Interchanges Add Lanes And Ramp - In And Near Santa Barbara From 1.0 Km South Of The Cabrillo Blvd Uc To The Milpas St Undercrossing (Kp17.39/20.59)	Sycamore Creek	401 SWPPP	10	10/96	4/03	7/05	1/06	1/09
31	D	05-46210_	SB	101	12.7/19.8	Santa Barbara Irrigation - Upgrade Planting And Irrigation - In Santa Barbara County In And Near Santa Barbara From Milpas Street Undercrossing To 0.2 Km South Of Turnpike Road Overcrossing	Mission Creek, Laguna Channel	401 303(d) SWPPP	5.5	9/00	9/00	6/01	10/02	8/04
32	B	05-4482U_	SB	101	2.2/ 3.3	Linden & Casitas Pass Ic - Reconstruct Interchanges (2) And Replace Carpinteria Cr Br - In Carpinteria From 0.2 Mile S Of Carpinteria Creek Bridge To 0.3 Miles N Of Linden Ave Oc (Kp 3.5/5.3)	Franklin Creek, Carpinteria Creek	401 303(d) SWPPP	17	10/95	7/03	3/05	9/05	3/08
33	A	05-0G070_	SB	101	22.5/22.9	Goleta Drainage Upgrades - Drainage Upgrades - In Goleta At Las Vegas Creek And San Pedro Creek (Kp 36.2/36.9)	Las Vegas Creek, San Pedro Creek	401 SWPPP	6	8/02	1/07	7/08	2/09	7/10
34	B	05-37150_	SB	101	26.9/	Hollister (Cathedral Oaks) - Replace Bridge On New Santa Barbara County In Goleta At Hollister Avenue Overcrossing	Alignment - In	SWPPP	5	12/92	4/03	5/05	6/06	9/07
35	B	05-40260_	SB	101	39.4/40.1	Arroyo Quemado Realignment - Realign Southbound Lanes Into Existing Median And Bypass Bridge - Near Gaviota From 0.6 Km S To 0.6 Km N Of Arroyo Quemado Bridge Br# 51-281 (Kp 63.4/64.6)	Arroyo Quemado	SWPPP	10	4/99	2/04	7/05	1/06	4/06

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	05-46380	SB	101	83.4/83.8	Union Valley Parkway Interchange - Construct Interchange - In Santa Maria At Union Valley Parkway (Kp 134.2/134.9)		SWPP P	49	10/97	1/03	10/04	6/05	7/06
37	D	05-44601_	SB	101	84.1/90.9	Santa Maria 6-Lane - Widen To 6-Ln Freeway - In And Near Santa Maria From 0.4 Km S Of S. Santa Maria Way U.C. To Route 135/101 Separation (Kp 135.3/146.3)	Santa Maria River	401 303(d) SWPP P	40	10/00	10/00	11/02	5/03	5/05
38	A	05-0G840_	SB	101	90.8/	101/135 Ic - Operational Improvements To Existing Interchange - In Santa Maria At The 101/135 Interchange (Kp 146.0)	Santa Maria River	SWPP P	> 5	NA	12/08	5/10	6/12	4/14
39	B	05-47480_	SB	101	R0/R2.1	Carpinteria Median Barrier - Construct Median Barrier - From Ventura/Santa Barbara Co Line To 0.5 Km S Of Carpinteria Creek Bridge Near The City Of Carpinteria (Kp R0.0/R3.4)	Rincon Creek, Carpinteria Creek	SWPP P	5.5	8/01	7/03	7/04	1/05	10/05
40	A	05-49420_	SB	154	4.5/ 28.5	154 Group li - Operational Improvements - Group li - From Roblar Ave In Los Olivos To 2.75 Km West Of San Antonio Creek Bridge (Kp 7.24/28.5)	Santa Aqueda Creek, Santa Ynez River, Lake Cachuma	SWPP P	11.6	7/01	10/06	10/08	7/09	8/10
41	A	05-0G160_	SB	166	.9/ 2.3	Guadalupe Ditches - Relocate Drainage Ditches - Along Route 166 Between The Cities Of Santa Maria And Guadalupe Pm 0.9/2.35 & 3.8/4.8 (Kp 1.45/3.78 & 6.12/7.72)		SWPP P	8	8/01	7/06	7/08	12/08	8/09
42	B	05-0E920_	SB	166	27/ 69.1	166 Passing Improvements - Operational Improvements - In Santa Barbara & San Luis Obispo Counties East Of Santa Maria From Post Mile 27.0 To 69.1 In Sb Co & 44.3 To 47.8 In Slo Co "(Kp Sb-43.5/111.2, Slo-71.3/76.9)"	Cuyama River, Twitchell Reservoir, Santa Maria River, Huasa River	SWPP P	15	7/01	8/05	10/07	6/08	4/09
43	B	05-0A490_	SB	166	55.1/ 70.1	Cuyama Rehab - Roadway Rehabilitation - "In Sb County Near Cuyama, From" 5.1 Km E Of Cottonwood Canyon Rd To 1.1 Km E Of Cuyama River Bridge (Kp 88.7/R112.9) (Kp R112.9/113.6)	2 Branch Canyon Creek, Salsbury Canyon Creek, Cuyama River	401 SWPP P	110	NA	7/03	8/05	5/06	5/08
44	B	05-39610_	SB	192	15.5/	Arroyo Parida Bridge Replacement - Replace Bridge (Scour) - Near Carpinteria At Arroyo Parida Creek Br# 51-113 (Kp 25.0)	Arroyo Parida Creek	401	1	NA	3/03	12/04	7/05	3/07
45	A	05-0F570_	SB	192	2.4/ 3	Mission Canyon Safety - Construct Underground Drainage System - On State Rte 192 In Santa Barbara From Alamar Ave To Mission Cyn Rd (Kp 3.91/4.96)	Aqueduct	401 SWPP P	3.6	3/03	10/06	10/07	5/08	7/09

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Agerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
46	B	05-46110	SB	217	1.6/	Sb-217 Ekwill/Hollister Interchanges - Construct Intersection - In Goleta Crossing Sb-217 At 0.2 Km S Of Hollister Ave Uc (Kp 2.6)		SWPPP	> 5	11/97	NA	NA	NA	NA
47	A	05-0C640_	SB	246	9.6 / 20.9	Widen To 4 Lane Divided Expressway In Lompoc From Rte 1/246 Separation To Buellton City Limits (Kp 15.4/40.2)	Santa Rosa Creek	401 SWPPP	92	9/01	NA	NA	NA	NA
48	A	05-0C700_	SBT	156	R13.2/R1 8.4	Widen To 4 Lanes And Construct Interchange	Santa Ana Creek, Tesquisquito Slough, Pacheco Creek	401 SWPPP	110	6/01	NA	NA	NA	NA
49	B	05-0C690_	SBT	25	47.4/ 49.7	South Hollister Widening - Widen To 4 Lanes - From 0.5 Km S Of Ridgemark Drive / Fairview Drive To 0.2 Km S Of Prospect / Sunnyslope Road (Kp 76.34/80.0)		SWPPP	29.85	4/02	NA	NA	NA	NA
50	A	05-48540_	SBT	25	51.5/ 60.1	Route 25 Hollister To Gilroy 4-Lane Widening - Widen From 2c To 4e & Modify The 25/101 Interchange - Near Hollister And Gilroy On Route 25 And Route 101 In Scl And Sbt Co (Sbt-25-Kp 82.9/96.7) (Scl-25-Kp 0.0/4.1) (Scl-101-Kp 3.5/6.7)	Pajaro River, Canadero Creek	401 SWPPP	385	3/01	8/07	7/10	5/11	7/14
51	d	05-39110_	SBT	25	R49.7/R5 2.4	25 Bypass Off Highway Project - Construct Urban Arterial Sales Tax \$\$ Sbt County - In San Benito County In And Near Hollister From 0.2 Km South Of Sunnyslope Road To 0.3 Km West Of San Filipe Road (Kp 79.5/83.8)		SWPPP	> 5	NA	2/03	2/04	5/04	NA
52	B	05-34490_	SBT	156	3.3/ 7.7	San Juan Bautista 4-Lane - Widen 2 To 4 Lanes - In And Near San Juan Bautista From 0.5 Km E Of Alameda St To Union-Mitchell Rd (Kp 5.0/12.4)	San Juan Creek	401 SWPPP	20	9/97	3/05	3/07	7/07	4/09
53	B	05-0C700_	SBT	156	R13.2/R1 8.4	North 156 Widening - Widen To 4 Lanes & Construct Interchange - Near Hollister From San Felipe Road To Jct 156/152 In Santa Clara Co Kp (Sbt-156-R21.2/R29.6) (Scl-156-R0.0/1.0) (Scl-152-R33.8/R37.0)	Santa Ana Creek, Tequisquito Slough, Pacheco Creek	401 SWPPP	220	6/01	10/07	3/10	12/10	5/13
54	A	05-44480	SCR	152	T0.3/T1.9	Pavement Rehabilitation	Casserly Creek	401 SWPPP	12	9/01	NA	NA	NA	NA

SECTION FIVE

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
55	A	05-0C730_	SCR	1	10.5/16.8	Hwy 1 Congestion Mgmt Study - Addition Of Hov Or Hot Lane In Each Direction - In Santa Cruz County Between State Park Drive To 0.3 Km North Of Morrissey Blvd (Kp 16.9/25.6)	Soquel Creek, Carbonera Creek, Branciforte Creek	401 303(d) SWPPP	> 5	7/02	4/07	1/10	8/10	8/13
56	D	05-12910_	SCR	1	15.8/17.6	Rte 1/17 Intchg Merge Lanes - Construct Merge Lanes On Rte 17 And Rte 1 - In Santa Cruz County On Rte 1 From Morrissey Blvd To River St And On Rte 17 From Ocean St To Pasatiempo Oc	Carbonera Creek, Braniforte Creek	401 303(d) SWPPP	50	10/96	9/02	7/03	11/03	11/06
57	B	05-46580_	SCR	1	17.2/18.2	Route 1/9 Intersection Imp - Intersection Improvements - On Rte 9 From Rte 9/Rte 1 Intrs To 0.8 Km N Of Rte 1 An On Rte 1 From 0.51 Km South Of Rte 9 To 1.03 Km N Of Rte 9 (Kp 1-27.7/29.3)(Kp 9-0.0/0.8)	San Lorenzo River	SWPPP	10.4	12/01	8/06	7/09	2/10	10/10
58	B	05-0C300_	SCR	1	R.9/R1.4	Watsonville Embankment Reconstruction - Embankment Reconstruction - Near Watsonville From Beach Road Uc To Watsonville Slough Bridge (Kp R1.4/R2.2)	Watsonville Slough	401 SWPPP	10	9/00	1/06	2/08	5/08	2/10
59	B	05-44130_	SCR	1	R2.3/R2.5	Harkins Slough Interchange - Revise Interchange - In Santa Cruz County In Watsonville At Route 1 And Harkins Slough Road Interchange	Harkins Slough	401 SWPPP	6	5/98	7/04	8/07	5/08	6/08
60	D	05-45640_	SCR	129	7.1/ 7.3	Rogge Lane - Intersection Reconstruction And Left Turn Channelization - East Of Watsonville At Rogge Lane (Kp 11.4/11.7)	San Lorenzo River	401 303(d) SWPPP	0.5	9/97	11/01	8/02	1/03	7/04
61	B	05-49680_	SCR	129	7.9/ 8.2	Watsonville Rogge Lane Realignment - Realign Horizontal Curve - Near Watsonville On Rte 129 From 0.7 Mi East To 1.0 Mi East Of Rogge Lane (Kp 12.7/13.1)		SWPPP	5	NA	7/04	12/04	5/05	7/05
62	B	05-0C670	SLO	1	8.9/11.2	Operational Improvements	Los Berros Creek	401 SWPPP	5	11/00	10/06	NA	NA	NA
63	B	05-0C650	SLO	46	55.1/60.9	2c To 4c		SWPPP	147	6/00	10/03	12/06	7/07	11/10
64	C	05-36530_	SLO	0	L5714	Slo Maintenance Station - Construct Maintenance Station - In San Luis Obispo County Near San Luis Obispo	San Luis Obispo Creek	401 303(d) SWPPP	7	12/91	7/02	4/04	4/06	1/08

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
65	B	05-0F350_	SLO	1	17.7/40.3	Slo-1 Beautification - Beautification & Modernization - "In And Near Slo, Morro Bay, And" Cayucos From San Luis Obispo City Limits To Villa Cr (Kp 28.5/64.9)		SWPP P	9	8/01	1/04	11/05	8/06	4/09
66	D	05-41280_	SLO	1	4.7/ 5.4	Willow Curve Realignment - Realign Curve - In San Luis Obispo County Near Oceano From 0.5 Km South To 0.5 Km North Of Willow Road		SWPP P	6	108/97	6/00	3/02	9/02	7/03
67	B	05-0A380_	SLO	1	42.3/44.6	Harmony Truck Lane - Construct Truck Climbing Ln And Left Turn Channization - Near Cambria From 2.9 Km S To Harmony Valley Rd To .8 Km N Of Harmony Valley Rd (Kp 68.1/71.9)		401 SWPP P	5	7/01	1/04	2/04	6/06	4/07
68	B	05-49280_	SLO	1	63/ 66.8	Piedras Blancas Realignment - Realign Roadway - Near San Simeon From Piedras Blancas Vista Point To Arroyo De La Cruz Creek Bridge (Kp 101.4/107.5)	Arroyo Del Corral	401 303(d) SWPP P	> 5	8/01	7/09	10/12	8/13	10/15
69	B	05-42074_	SLO	1	68.2/	Arroyo De Los Chinos - Upgrade Drainage Structure Phase 3 - Near San Simeon At 1.4 Km N/O Arroyo De La Cruz Br (Kp 109.8)	Arroyo De Los Chinos, Arroyo De La Cruz	401 SWPP P	3.6	10/96	4/04	7/05	4/06	10/06
70	B	05-0C670_	SLO	1	8.9/ 11.2	Halcyon Operational Improvements - Operational Improvements - In Slo Co Near Oceano On Rte 1 From 0.2 Km S Of The Southern Intersection With Halcyon Rd To 0.1 Km N Of Tierra Nueva Lane (Kp 14.3/18.1).	Los Barros Creek	SWPP P	> 5	1/00	NA	NA	NA	NA
71	C	05-34530_	SLO	41	10.8/11.9	Los Altos Turnouts - "Construct Nb & Sb Pullouts," Widen Shoulders & Overlay Pavement - Between Morro Bay & Atascadero From 16.7 Km E/O Morro Bay To 4.8 Km West Of Santa Rosa Road (Kp 17.5/19.1)	Morro Creek	401 SWPP P	2	2/01	2/01	7/03	3/04	9/05
72	D	05-34522_	SLO	41	15.8/19.7	On-Site Mitigation Planting - Planting And Irrigation - In San Luis Obispo County In And Near Atascadero From 0.1 Km West Of Route 101 To 1.9 Km East Of Salinas River Viaduct		SWPP P	5	NA	7/99	11/99	11/00	7/04
73	B	05-45260_	SLO	41	49.7/50.4	Cottonwood Canyon Climbing Lane - Extend Truck Passing Lanes And Widen Shoulder - Near Cholame From 1.1 Km W To 2.1 Km E Of San Luis Obispo County Line "(Slo Kp 79.9/81.1, Ker Kp 0.0/2.1)"	Cottonwood Creek	401 SWPP P	5	2/00	6/02	7/05	12/05	7/07
74	B	05-3307U_	SLO	46	32.2/50.2	Sr46 Corrido Improvements (Shandon) - Convert 2 Ln Hwy To 4 Ln Expressway - Near Paso Robles From Airport Rd To 0.6 Km E Of Shandon Roadside Rest Area (Kp 51.8/80.8)	Estrella River, Cholame Creek	401 SWPP P	400	1/98	7/03	9/04	7/05	7/08

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Agerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
75	A	05-0F710_	SLO	46	45.4/ 54	Shandon Roadside Rest - Rehabilitate Roadside Rest Area - At The Shandon Rest Area And At Various Locations From 7.2 Km E Of The Shandon Rest Area To 6.7 Km W Of The Shandon Rest Area (Kp 73.0/86.9)		SWPPP	5	8/01	10/05	11/07	8/08	12/09
76	B	05-33080_	SLO	46	50.2/ 55.1	Sr46 Corridor Improvements (Wye) - 4-Lane Expressway Expressway - Near Chalome From 1.6 Km W Mc Millan Cyn Rd To Rte 41 (Kp 80.8/88.7)	Cholame Creek	401	170	NA	7/03	6/07	3/08	4/11
77	B	05-0C650_	SLO	46	55.1/ 60.9	Sr46 Corridor Improvements (Antelope) - 2c To 4c - Near Cholame From The East Jct Rte 41/46 To The Kern Co Line (Kp 89.9/98.0)		SWPPP	146.5	4/00	10/03	12/06	7/07	11/10
78	B	05-45370_	SLO	46	56.5/ 58	Antelope Grade Climbing Lane - Extend Eastbound Truck Climbing Lane - Near Paso Robles From 2.2 Km E To 4.7 Km E Of North Jct Rte 41 (Kp 90.8/93.3)		401 SWPPP	10	12/00	3/04	3/05	12/05	12/06
79	B	05-46860_	SLO	46	R.7/R1	Cambria Slope Stabilization - Construct Tie Back Wall - Near Cambria From 1.1 Km E To 1.6 Km E Of Rte 1 (Kp R1.1/R1.6)	Perry Creek	SWPPP	> 5	9/00	10/03	4/05	12/05	9/07
80	B	05-46720_	SLO	46	R4.1/R4.5	Cambria/Templeton Embankment - Repair Embankment & Install Subsurface Drainage System - Between Cambria And Templeton 2.4 Km (1.5 Mi) S Of Cerro Alto Rd (Kp R6.0/R7.2)		401 SWPPP		9/00	1/04	7/05	1/06	4/06
81	B	05-44590_	SLO	101	0/ .8	Santa Maria River Bridges - "Widen & Replace Bridges, Construct" Aux Lanes & Bicycle Path - "Near Santa Maria, From The Jct Of" Rte 135/101 To North Of The Jct Of Rte 166/101 (Kp Slo 0.0/1.3)(Kp Sb 145.6/146.4)	Santa Maria River	401 SWPPP	50	8/01	12/05	5/08	11/08	11/11
82	D	05-0C100_	SLO	101	12.5/ 14.7	Arroyo Grande Planting - Planting And Irrigation Restoration - In Arroyo Grande From Bridge St Uc To 0.1 Km North Of Oak Park Oc (Kp 20.1/23.7)	Arroyo Grande Creek	SWPPP	5.1	NA	10/01	12/02	5/03	11/06
83	B	05-0A370_	SLO	101	13.1/ 14.6	Brisco Road I/C - Interchange And Ramp Modifications - In Arroyo Grande At The Brisco Rd "Uc, Br No 49-154 / Halcyon Rd" (Kp 21.2/23.5)		SWPPP	> 5	10/01	10/03	7/05	2/06	12/06
84	B	05-48560_	SLO	101	13.2/ 21.5	Slo Ops Improvements - Operational Improvements Auxiliary Lanes - From 227/101 Separation To San Luis Obispo Creek Br (Kp 21.2/R34.6)	Slo Creek, Pismo Creek	401 303(d) SWPPP	10	2/00	4/03	2/04	9/04	10/05
85	A	05-40300_	SLO	101	16/ 16.5	Pismo Beach Apron Embankment Repair - Repair Concrete Apron Embankment - In San Luis Obispo In Pismo Beach From 0.1 Mile North Of Pismo Overhead To 0.1 Mile South Of Hinds Avenue Overcrossing	Pismo Creek	401 SWPPP	2	2/00	NA	NA	NA	NA

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&E) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
86	B	05-38840_	SLO	101	16/ 16.6	Price Street Extension - Extend Local Street And Construct Bridges-Operational Improvement - In San Luis Obispo County In Pismo Beach From Pismo Overhead To Price Canyon Road Interchange (James Way)	Pismo Creek	401 SWPPP	6	4/98	7/03	7/05	1/06	7/07
87	B	05-41120_	SLO	101	26/	Prado Road I/C - Construct Interchange - In San Luis Obispo County In San Luis Obispo At Prado Road	San Luis Obispo Creek	SWPPP	> 5	12/96	NA	NA	NA	NA
88	D	05-31420_	SLO	101	28.4/ 28.7	Brizzolara Street Soundwall - Construct Sound Attenuation Wall - In San Luis Obispo County In San Luis Obispo From Marsh Street Separation Bridge To Stenner Creek Bridge (Kp 45.7/46.2)	Stenner Creek, San Luis Obispo Creek	401 303(d) SWPPP	1.7	12/00	12/00	7/02	3/03	7/03
89	D	05-34541_	SLO	101	32.3/ 35.5	Cuesta Grade - Add Truck Passing Lanes - In San Luis Obispo County Near San Luis Obispo From 2.0 Km North Of Reservoir Canyon Road To Cuesta Overhead		SWPPP	>5	NA	NA	NA	7/99	2/04
90	D	05-34548_	SLO	101	32.7/ 35.5	Cuesta Mitigation Planting - Highway Planting And Irrigation - In San Luis Obispo County Near San Luis Obispo From 2.6 Km North Of Reservoir Canyon Road To Cuesta Overhead	San Luis Obispo Creek	401 303(d) SWPPP	2	7/98	7/98	9/00	6/02	8/05
91	D	05-0A170_	SLO	101	41.3 / 46.9	Construct Median Barrier In And Near Atascadero From 1.6 Km South Of Santa Barbara Rd Oc To San Anselmo Rd Oc (Kp 66.4/75.4)	Atascadero Creek	SWPPP	29	8/99	7/02	10/03	4/04	7/05
92	D	05-0A170_	SLO	101	41.3/ 46.9	Atascadero Median Barrier - Construct Median Barrier - In And Near Atascadero From 1.6 Km S Of Santa Barbara Rd Oc To San Anselmo Rd Oc (Kp 66.5/75.4)	Atascadero Creek	SWPPP	29	NA	7/02	8/03	4/04	7/05
93	A	05-40281	SLO	101	45.5/ 46.8	101 & Traffic Way - Reconstruct Ramps - In Atascadero On Rte 101 Ramps Between Rte 41 And Traffic Way (Kp 73.5/75.6)		SWPPP	> 5	7/02	NA	NA	NA	NA
94	B	05-47450_	SLO	101	5/	Willow Road - Construct New Interchange (Willow Rd) - Near Nipomo Between Tefft St And Los Berros/ Thompson Rd Interchanges Phase 1 (Kp 8.0)		SWPPP	> 5	1/00	2/05	NA	NA	NA
95	B	05-0C110_	SLO	101	55.4/ 59.1	Paso Robles Planting - Highway Planting Restoration - In Paso Robles From 0.4 Km S Of South Paso Robles Oh To 0.3 Km N Of North Paso Robles Oh (Kp 89.2/95.1)		SWPPP	5	9/00	7/03	7/04	10/04	1/08
96	C	05-0A230_	SLO	166	12.9/ 70.1	Santa Maria Guardrail - Upgrade & Construct Mbgr (Cure) - Near Santa Maria From Rte 101 To Kern County Line At Various Locations "(Kp Slo, Sb 20.8/R112.8)"	Cuyama River	SWPPP	6	NA	1/02	7/03	3/04	7/04

TABLE 5-1: DISTRICT 5 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
97	B	05-0A550_	SLO	166	42/ 45	Cuyama Valley Curves - Realign Horizontal Curves - In Cuyama Valley From 1.4 Km E To 5.8 Km E Of Sycamore Canyon Bridge Br# 49-140 (Kp 68.2/72.6)	Cuyama River	401 SWPPP	5	7/00	10/03	6/05	8/05	10/06
98	B	05-0C660_	SLO	166	9.5/ 74.8	166 Op Improvements - Operational Improvements - In Slo Co From 0.85 Km East Of Rte 101 To Rte 33 (Kp 15.3/120.4)		401	30	7/00	6/02	1/04	6/04	1/05
99	B	05-0A460_	SLO	227	R10.9/R14.2	South & Broad St. Rehab. - Rehabilitate Roadway & Widen Bridge - In San Luis Obispo From East Fork San Luis Obispo Creek Bridge To 0.2 Km W Of Madonna Rd Oc (Kp R17.5/R22.9)	San Luis Obispo Creek	401 SWPPP	4	9/00	7/03	12/05	6/06	7/07

NA = not available

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents are not final

(C) Environmental documents final

(D) Environmental documents final, design complete and project in the construction phase of project delivery

CRITERIA

SWPPP greater than 5 acres of land disturbance

303d 303(d) listed

401 401 Cert,

SEP Supplemental Environmental Project

Retro Storm Water Retrofit Project (SWMP 4.4.2)

LT Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR High Risk Area Present

RB RWQCB designated projects posing a threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

<p>Significant Road Maintenance Activities</p> <p>District 5 Maintenance primarily conducts activities based on local road conditions. Most work is completed as a reaction to a storm event or other emergency incidents. Major activities are coordinated through the project development process where it is ensured that the appropriate temporary, permanent and treatment BMPs are incorporated as required, to minimize the potential impacts to storm water quality. The RWQCB will be notified when significant Maintenance activities require a 401 certification or when the activity has an increased potential to impact water quality.</p>
<p>Maintenance Facility and Activity Inspections</p> <p>In addition to the inspections conducted through the Maintenance Compliance Monitoring Program, all maintenance stations will be inspected by the Maintenance Storm Water Coordinator by January 2004. Deficiencies identified during the inspections will be noted, evaluated and addressed as appropriate to ensure water pollution control is addressed at all Maintenance Facilities. Deficiencies will be evaluated by the Maintenance Storm Water Coordinator and the District Storm Water Coordinator for resolution. The Maintenance Storm Water Coordinator will also inspect all rest areas and park & rides by April 2004.</p> <p>The Maintenance Storm Water Coordinator will inspect BMP implementation during two summer activities and two winter activities during the year. Activities conducted by the storm drain cleaning crew will be evaluated three times during the year.</p>
<p>Maintenance Facility BMP Improvements</p> <p>Maintenance facility BMP improvements will be completed as a result of the facility inspections conducted by the Maintenance Storm Water Coordinator or the Maintenance Compliance Monitoring Program. The District will begin reviewing Maintenance Facility Pollution Prevention Plans (FPPPs) to identify areas for improvement. Facility maps identifying discharge locations and potential pollutant sources will be included in all FPPPs by January 2004.</p>
<p>Maintenance BMP Actions/Modifications</p> <p>Upon approval of the Maintenance BMPs, appropriate Maintenance field staff will be trained on the implementation of the new guidelines. New BMPs or modifications to BMPs will be implemented as the need arises or as additional BMPs are approved for statewide use. BMP modifications at Maintenance facilities will occur as deficiencies or improvements are identified during the activity evaluations or as a result of a FPPP amendment.</p>
<p>Vegetation Management and Vegetated Slope Management</p> <p>The District 5 Vegetation Control Plan (VCP) for FY 2003/2004 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP addresses the following major items: type of chemical to be applied and form (dry or liquid); application locations, lengths, widths, total area, rates, frequency, total amount; reason for application; mowing program.</p> <p>The Department's Statewide Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3. Maintenance staff and the District 5 Stabilizers will utilize the form and the statewide MISST database to identify and prioritize slopes with significant erosion problems.</p> <p>The District 5 Stabilizer team and Maintenance field staff implement the MISST program at the District level. Both the Stabilizers and Maintenance field staff conduct slope inspections to identify areas of existing erosion. Repairs within in the scope of work typically completed by Maintenance field staff will be implemented by the local maintenance crew. Slopes that require additional evaluation will be referred to the Stabilizers. The Stabilizers will evaluate problem slopes, discuss potential resolutions and look for opportunities within the project development process or coordinate with the Maintenance Erosion Control Crew to incorporate the strategies identified to resolve slope stability issues. The Stabilizers will also coordinate with Maintenance staff to identify a strategy to manage an actively eroding slope until a permanent solution can be implemented.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003.
The District will evaluate research data compiled by the Vegetation Management Study that is conducted at the Cal Poly Erosion Control Lab during the project delivery process to develop a strategic approach to erosion control on proposed projects.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
The District Construction Storm Water Coordinator provides informal day to day monitoring of BMP implementation on construction sites as requested by the Resident Engineer.
The District NPDES Coordinator, the District Construction Storm Water Coordinator or designee will inspect all SWPPP jobs prior to the start of the 2003 rainy season to ensure appropriate rainy season BMPs are implemented prior to October 15 th .
Training
Design engineers within the District will at a minimum receive 1 training session per year.
For FY 03/04 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 02/03 and new hires. New training modules will be developed for Phase II permit changes and Sampling and Analyses requirements.
Maintenance will conduct informal training sessions during tailgate meetings that are prior to the crew beginning a new activity or every ten days. During the tailgate meetings appropriate BMPs for specific activities will be identified for implementation.
Annual Refreshers training for all Maintenance field personnel will be provided during the next reporting year. Refresher curriculum is developed prior to training based on the latest information available.
Informal training will be provided by Regional Storm Water Coordinators on a daily basis, as the need arises.
The District/Region Storm Water Coordinator will invite local municipalities to training classes given within the district.
The District Storm Water Coordinator will conduct informal interviews with District personnel to identify additional training needs.
Public Outreach
District NPDES staff will continue to send storm water informational brochures and handouts to local municipalities within the District.
Pending Headquarters approval, the Central Region will: 1. Develop and distribute five distinctive storm water pollution prevention informational fact sheets to be utilized for MS4 coordination and public education activities; one fact sheet will be developed and distributed to address the unique water quality challenges presented by each RWQCB office within the Central Region; 2) develop content for, and purchase a portable storyboard to be used for presentations and static displays for permit-related public education efforts; and 3) purchase three notebook computers and two portable digital projectors to be used for permit-related training, presentations, MS4 coordination, and other activities where computing portability is necessary to achieve permit compliance.
The District Storm Water Management Team will identify a plan for implementing public education and outreach within the District. The plan will be consistent with the statewide public education program. Where appropriate, the public education program will be utilized to address locality specific issues.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

The District will continue to handout storm water quality information at the Mid State Fair and other public events.
The public education program will include the placement of storm water information/stickers at all facilities and roadside rests within the District.
Municipal Coordination
District 5 participates in co-permittee meetings with other municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training. Region NPDES Staff will continue to coordinate with municipalities through a variety of means, quarterly storm water coordination meetings, watershed working groups, The Clean Water Project Groups, and during the project delivery process.
District 5 will look for opportunities to enhance municipal coordination efforts to address public education on a locality specific basis.
District 5 will look for opportunities to provide storm water quality information to local entities through the Local Assistance and Encroachment Permits Program to ensure third parties are incorporating storm water quality controls when completing activities within the Department's rights-of-way.
TMDLs
District NPDES staff will evaluate the rights-of-way and facilities that discharge storm water to water bodies that have Total Maximum Daily Load (TMDLs) established. The Central Region Storm Water Program will further evaluate areas identified to be contributing to the impairment of beneficial uses to determine appropriate solutions and implementation of BMPs.
District NPDES staff will conduct outreach to municipalities that are subjected to the Morro Bay, Los Osos Creek and Chorro Creek (TMDLs). The goal of the outreach will be to assist in facilitating a watershed approach to meeting the requirements of the TMDLs.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **3**

CALTRANS DISTRICT
7

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 7

CENTRAL COAST REGION 3

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 7

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**CENTRAL COAST REGION 3
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

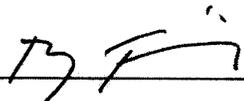


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 7**

**Certification
Regional Work Plan 2003/2004**

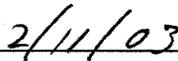
**California Regional Water
Quality Control Board
Los Angeles Region 4, Lahontan Region 6B
Central Valley Region 5F, Central Coast Region 3**

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)]



Douglas R. Failing

District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 7, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Department's District 7 fall within the jurisdiction of the Central Coast Regional Water Quality Control Board (RWQCB). Organization charts for District 7 are included in Figure 2-1. Staff responsible for implementing the SWMP within the CCRWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Richard Gordon Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-6318 (213) 620-5020 (213) 620-2110	Richard_Gordon@dot.ca.gov Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

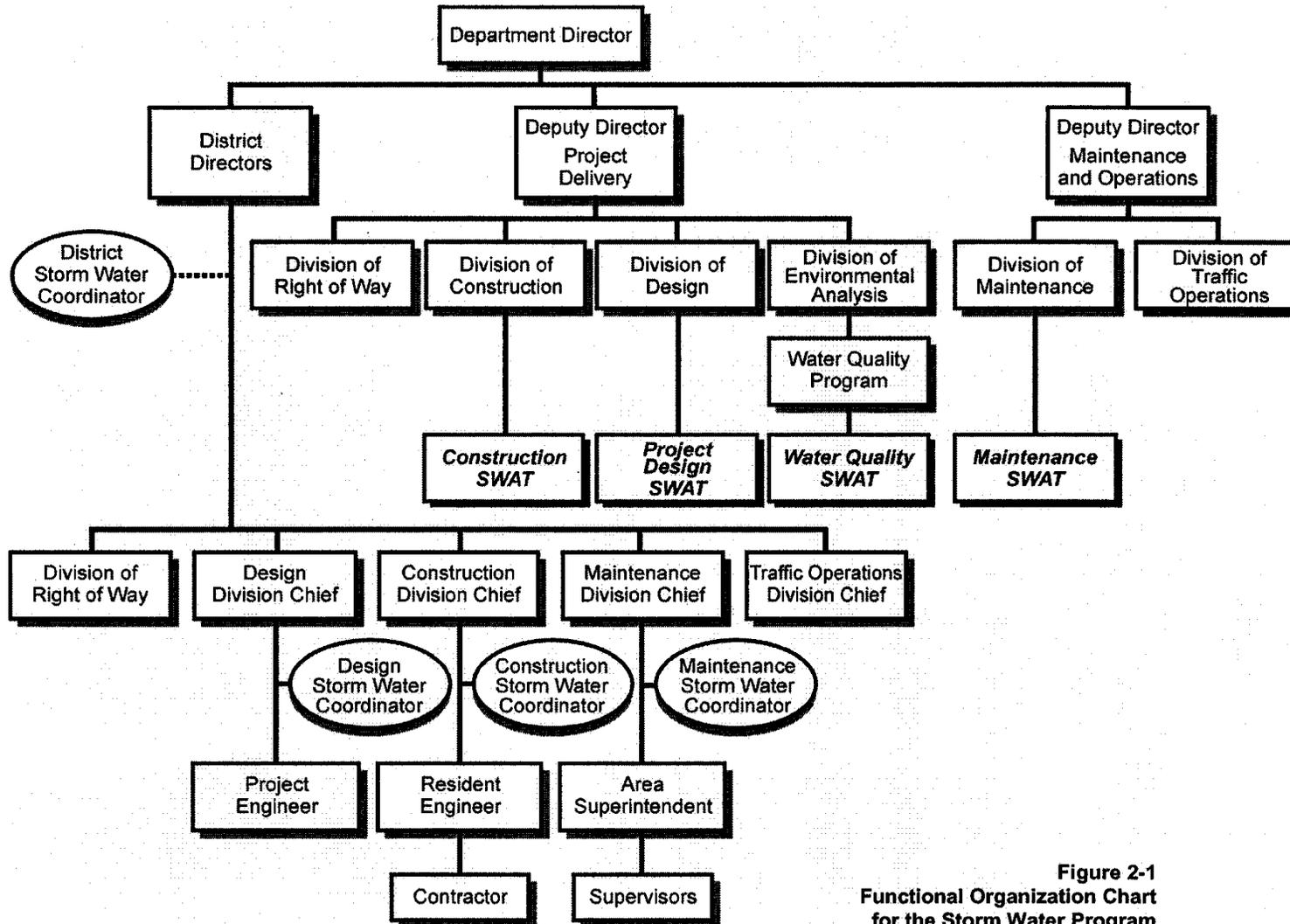


Figure 2-1
Functional Organization Chart
for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 7 boundaries within the Central Coast Regional Water Quality Control Board (RWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
None				
Vista Points				
None				
Commercial Vehicle Enforcement Facilities				
None				
Roadside Rest Areas				
None				
Park and Ride Facilities				
None				
Sand and Salt Staging Areas				
VEN	33	30.12	Sespe Gorge	Sand and Salt Storage
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

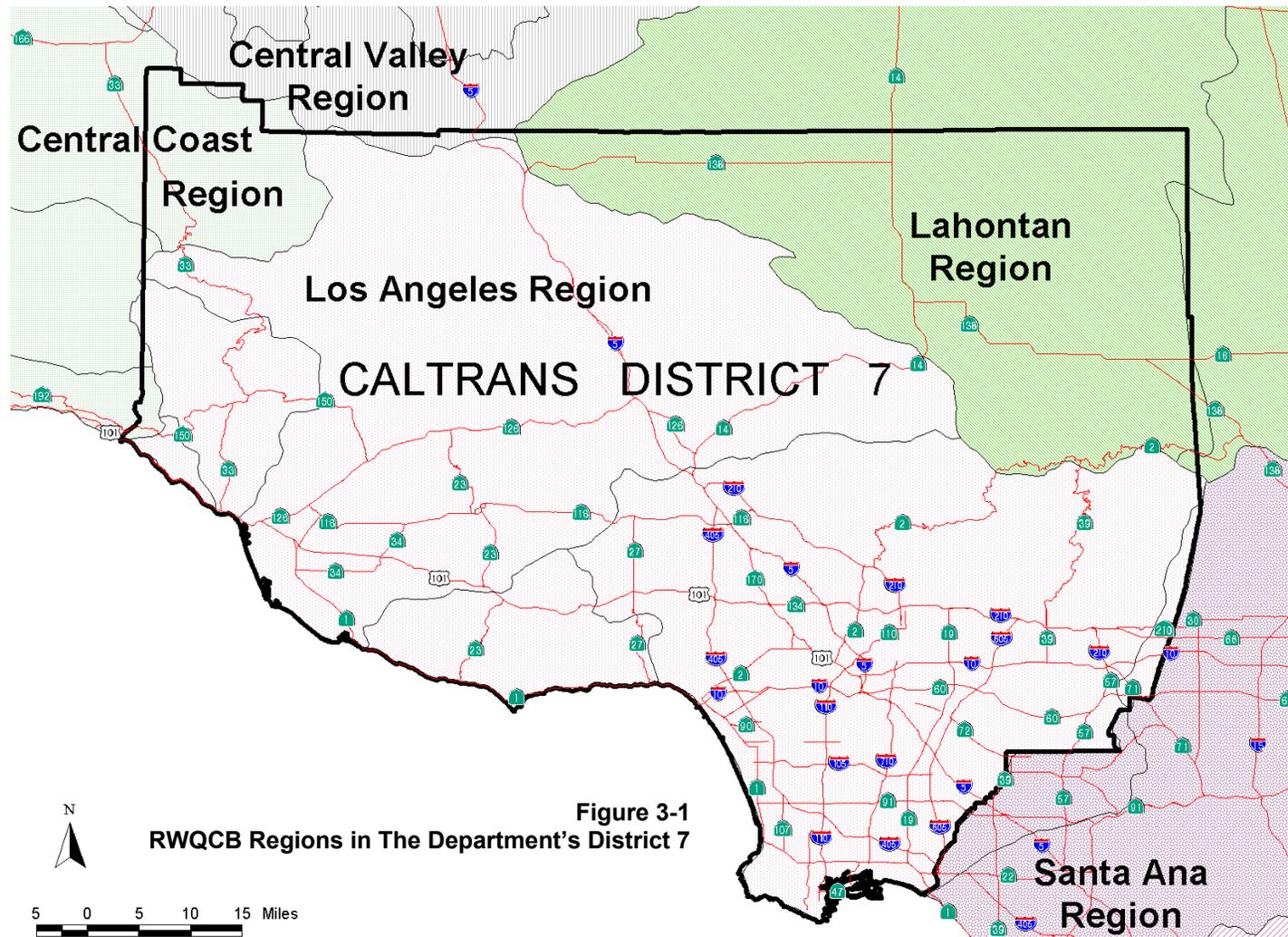


Figure 3-1
RWQCB Regions in The Department's District 7

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Table 4-1 shows high-risk areas for surface water. These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between the Central Coast Regional Water Quality Control Boards (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 33, PM 15	Ventura	Matilija Reservoir	The dam is 198 feet high and is currently being considered for removal by the County of Ventura, along with other local, state, and federal agencies	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Department’s postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Figure 5-1 shows major roads and highways with postmile location within District 7.

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
None.														

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)
None
Maintenance Facility and Activity Inspections
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.
Maintenance Facility BMP Improvements
Cover for Multi-chambered Treatment Train to prevent vector concerns. Other improvements will be based on the annual storm water facility inspections.
Maintenance BMP Actions/Modifications
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.
Vegetation Management and Vegetated Slope Management
Vegetation Control Plan The District 7 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program
Vegetated Slope Evaluation The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

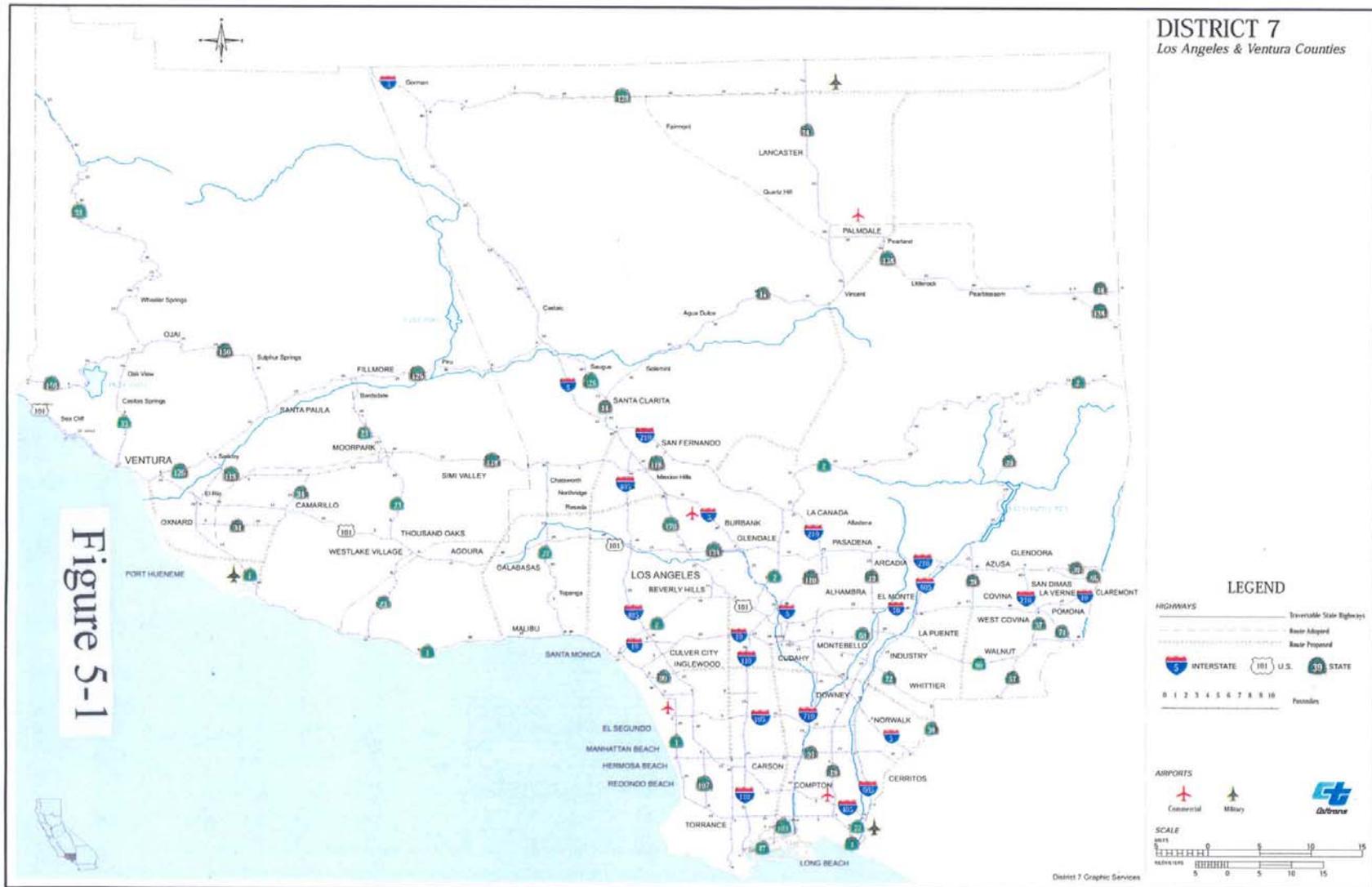
SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>Monitoring Activities</p> <p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by The Department projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
<p>Construction Compliance Monitoring Program</p> <p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>
<p>Training and Public Outreach</p> <p>Training of The Department personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. The Department staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, including the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews. Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>The Project Planning and Design Guide training will be provided to Design staff.</p> <p>Additional training on permanent and temporary erosion control will also be given to Design staff.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Department Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected The Department projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>
<p>Municipal Coordination</p> <p>District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.</p>
<p>Monitoring Activities</p> <p>Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.</p>
<p>Construction Compliance Monitoring Program</p> <p>Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

Training and Public Outreach
Quarterly training on storm water issues will be provided to staff.
Two-day training seminars are planned for each of the District maintenance and construction supervisors.



**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

4

CALTRANS DISTRICT

7

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 7

LOS ANGELES REGION 4

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 7

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LOS ANGELES REGION 4
WATER QUALITY CONTROL BOARD**

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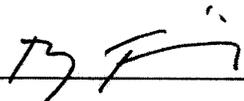


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 7**

**Certification
Regional Work Plan 2003/2004**

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Central Valley Region 5F, Central Coast Region 3**

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Douglas R. Failing

District Director

2/11/03

Date

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1.0 INTRODUCTION

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Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Richard Gordon Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-6318 (213) 620-5020 (213) 620-2110	Richard_Gordon@dot.ca.gov Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

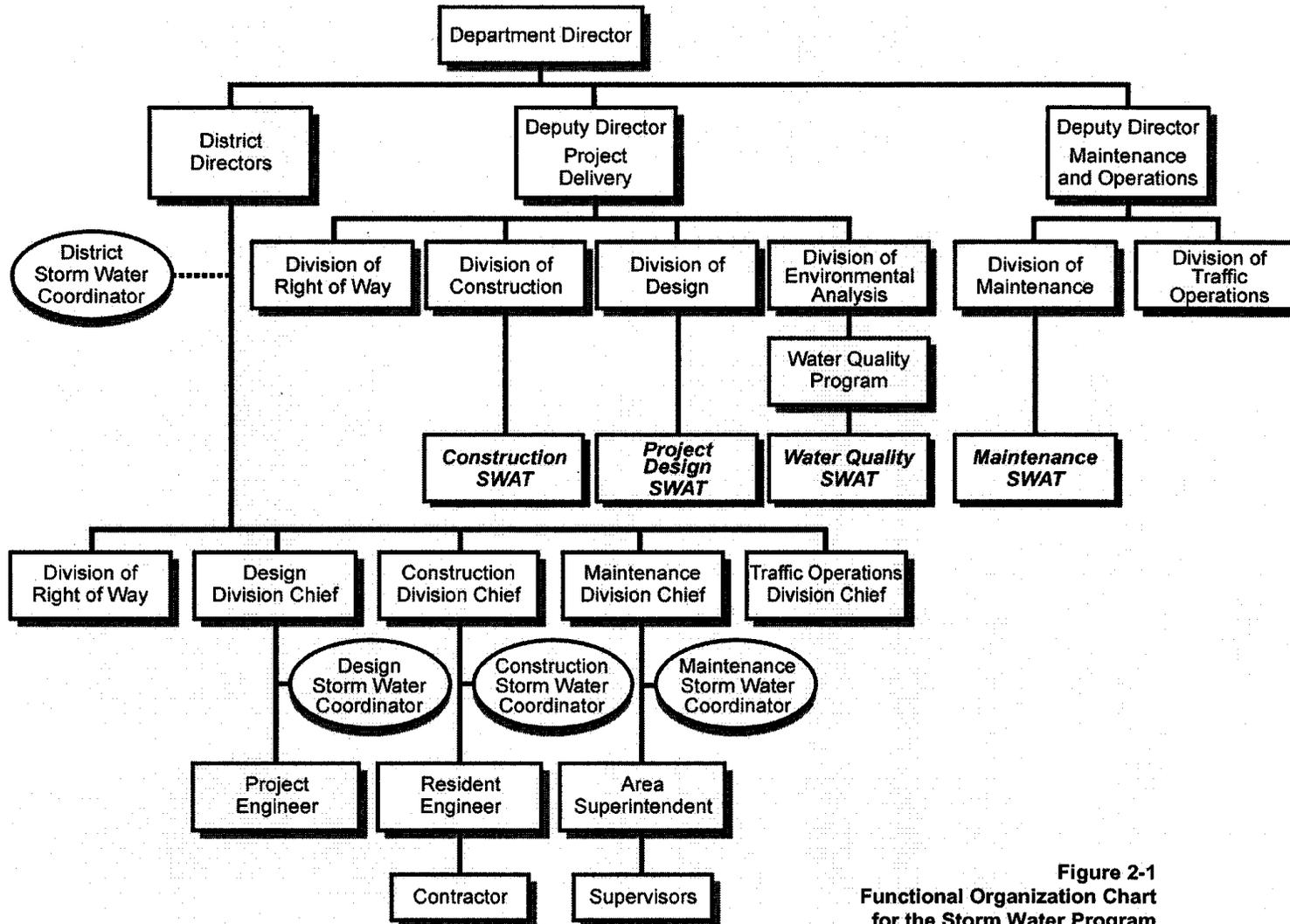


Figure 2-1
Functional Organization Chart
for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Caltrans facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 7 boundaries within the Los Angeles Regional Water Quality Control Board (RWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
LA		0.0	Century	Highway Maintenance, 5360 Imperial Hwy, Los Angeles, 90045
VEN	1	3.8	Big Sycamore	Highway Maintenance, 9077 Pacific Coast Hwy, Oxnard, CA 93030
VEN	1	43.7	Las Flores	Highway Maintenance, 3503 Las Flores Canyon Road, Malibu, CA 90265
LA	2	1.8	Altadena	Highway Maintenance, 2122 North Windsor, Altadena, CA 91011
LA	2	48.5	Chilao	Highway Maintenance, Star Toute, La Canada, CA 91011
LA	5	1.5	Lebec	Highway Maintenance, 36282 Golden State Hwy, Lebec, CA 93243
LA	5	10.3	Central/Bandini	Highway Maintenance, 7300 E. Bandini Blvd, Commerce, CA 90040
LA	5	19.2	Los Angeles	District 7 Office, 120 Spring Street, Los Angeles, CA 90012
LA	5	22.5	Silver Lake	Highway Maintenance, 2187 Riverside Drive, Los Angeles, CA 90039
LA	5	28.8	Burbank Electrical	Special Crews, 524 South Flower St., Burbank, CA 91502
LA	5	31.2	Buena Vista	Landscape Maintenance, 2600 N San Francisco Road, Burbank, CA 91504
LA	5		North Region	Highway Maintenance, 28820 N. Old Road, Valencia, CA 91355
LA	7	24.6	Humphrey Street/East LA	Highway/Landscape Maintenance, 4425 E. 3 rd St., Los Angeles, CA 90022
LA	10	8.8	Apple St	Landscape Maintenance, 5700 Apple St, Los Angeles, CA 90016
LA	10	14.3	Middleburry	Landscape Maintenance, 1146 West 20 th Street, Los Angeles CA 90007
LA	10	14.8	Metro Electrical	Special Crews, 1425 Channing St. Los Angeles, CA 90015
LA	10	17.0	Alameda	Highway Maintenance Special Crews, 1740 East 15 th Street, Los Angeles, CA

TABLE 3-1: DISTRICT 7 FACILITIES (Continued)

CO	RTE	PM	NAME	COMMENTS
LA	10	45.8	Pomona	Landscape Maintenance, 1698 West Mission, Pomona, CA 91766
LA	14	67.4	Lancaster	Highway Maintenance, 44023 Sierra Hwy, Lancaster, CA 93534
VEN	33	11.2	Ojai Yard	Highway Maintenance, 1116 Maricopa Hwy, Ojai, CA 93023
LA	47	1.9	Bridge Crew	Special Crews, 133 Seaside Ave., Terminal Island, CA 90731
LA	47	1.9	Vincent Thomas Paint	Special Crews, 133 Seaside Ave., Terminal Island, CA 90731
LA	57	4.5	Diamond Bar	Highway Maintenance, 21420 E. Golden Springs Road, Rosemead, CA 91770
LA	60	11.9	Eastern Region	Highway Maintenance, 4425 East 3 rd Street, Los Angeles, CA 90022
VEN	90	2.5	Culver City/Sawtelle	Highway/Landscape Maintenance, 5650 Selarine Drive, Culver City, CA 90230
LA	91	15.7	Bellflower	Highway Maintenance, 10147 Flora Vista St, Bellflower, CA 90701
LA	91	17.0	Cerritos	Landscape Maintenance, 16849 Studebaker Road, Cerritos, CA 90701
LA	101	11.2	North Hollywood	Highway Maintenance, 11210 Moorpark St, N. Hollywood, CA 91062
VEN	101	12.3	Camarillo	Highway Maintenance, 4821 Adohr Lane, Camarillo, CA 93012
VEN	101	21.2	Tarzana	Highway Maintenance, 5660 Reseda Blvd, Tarzana, CA 91356
VEN	101	30.9	Ventura	Highway Maintenance, 157 South Garden St, Ventura, CA 93001
VEN	107	4.3	Torrance Yard	Landscape Maintenance, 18101 Balley Drive, Torrance, CA 90504
VEN	118	17.2	Moorpark	Highway Maintenance, 626 Fitch, Moorpark, CA 93021
LA	126	11.4	Newhall	Highway Maintenance, 23922 San Fernando Rd, Newhall, CA 91321
LA	126	12.1	Harvard St	Landscape Maintenance, 1100 Harvard Street, Santa Paula, 93060
LA	126	20.4	Filmore	Highway Maintenance, 1261 Ventura Street, Filmore, CA 93015
LA	164	6.7	Rosemead	Highway Maintenance, 9153 East Lower Azusa Road, Rosemead, CA 91770
LA	210	34.9	Foothill	Highway Maintenance, 850 E. Huntington Dr, Monrovia, CA 91016
LA	405	2.2	Willow Street Electrical Crew	Special Crews, 5510 E Willow St, Long Beach, CA 90815
LA	405	7.2	Pacific Place	Landscape Maintenance, 3725 Pacific Place, Long Beach, CA 90806

TABLE 3-1: DISTRICT 7 FACILITIES (Continued)

CO	RTE	PM	NAME	COMMENTS
LA	405	8.1	Long Beach	Highway Maintenance, 22101 Santa Fe Avenue, Long Beach, CA 90810
LA	405	13.3	Artesia	Landscape Maintenance, 911 West 190 th Street, Gardena CA 90247
LA	405	29.5	Westdale	Highway Maintenance, 2733 South Sepulveda, Los Angeles, CA 90064
LA	405	48.6	San Fernando	Highway Maintenance, 11930 Blucher Street, Granada Hills, CA 91344
LA	605	9.5	Florence	Highway Maintenance, 10903 Florence Ave, Downey, CA 90240
LA			Antelope Valley Sign Crew	15603 Chatsworth St., Mission Hills, CA 91345
Vista Points				
None.				
Commercial Vehicle Enforcement Facilities				
LA	5	R54.4	Castaic	Northbound (NB)
VEN	101	9.2	Conejo	Southbound (SB)
VEN	101	9.0	Conejo	NB
LA	405	12.2	Carson	SB
LA	405	11.7	Carson	NB
Safety Roadside Rest Areas				
None.				
Park and Ride Facilities				
LA	2	17.0	Verdugo	Verdugo Blvd at Hilldale Dr, La Canada
LA	2	23.1	La Canada	SW corner Foothill Blvd in La Canada
LA	5	8.3	Lakewood East	Route 5 at Lakewood Blvd in Downey
LA	5	8.3	Lakewood West	SE corner Lakewood & Vista Del Rosa
LA	10	40.5	Via Verde	NW corner Via Verde in San Dimas
LA	10	45.7	Garey/Route 10	SE corner Garey & McKinley Avenues in Pomona
LA	14	27.1	Newhall East Lot	E side Route 126 in Newhall
LA	14	27.1	Newhall West Lot	SW corner Route 126 & Sierra Hwy in Newhall
LA	14	27.1	Golden Valley	Golden Valley
LA	14	66.7	Ave K at Route 14	NW corner Ave K & Route 14 in Lancaster
LA	57	3.4	Pathfinder Road	Pathfinder Road at Route 57 in Diamond Bar
LA	60	25.6	Diamond Bar East	NE corner Diamond Bar Blvd
LA	60	25.6	Diamond Bar West	NW corner Diamond Bar Blvd.
LA	91	R11.4	Butler-Long Beach	SE corner Butler Ave & Artesia Blvd
LA	101	35.1	Kanan (N)	SE corner Kanan & Roadside in Agoura Hills
LA	101	35.1	Kanan (S)	NW corner Kanan Rd. intersection with Canwood

TABLE 3-1: DISTRICT 7 FACILITIES (Continued)

CO	RTE	PM	NAME	COMMENTS
VEN	101	7.0	Borchard	NE corner Borchard Rd in Thousand Oaks
VEN	101	12.3	Pleasant Valley	Pleasant Valley Rd. in Camarillo
VEN	101	15.7	Los Posas	SE corner Los Posas Road IC in Camarillo
LA	105	2.2	Aviation	Route 105 at Aviation, El Segundo
LA	105	3.7	Hawthorne Blvd.	Route 105 at Hawthorne Blvd in Hawthorne
LA	105	5	Crenshaw	Route 105 on 120th St, Inglewood
LA	105	7.4	Vermont Avenue	Route 105 at Vermont Avenue, Athens
LA	105	7.7	Century/Harbor Jct.	Route 105 & Route 110 near Hoover St, in Los Angeles
LA	105	8.9	Avalon	Route 105 at Avalon in L.A.
LA	105	10.4	Willowbrook	Wilmington (Blue Line), Willowbrook
LA	105	11.6	Long Beach Blvd.	Route 105 at Long Beach Blvd, Lynwood
LA	105	17.4	Lakewood Blvd.	Route 105 at Lakewood Blvd, Downey
LA	105	18.8	I-105 Termination	Route 105 at Studebaker, Norwalk
LA	110	1.2	San Pedro II	515 N. Beacon at Harbor in San Pedro
LA	110	1.3	San Pedro	Battery and Gaffey Streets
LA	110	6.8	Carson	Route 110 at Carson St in Los Angeles County
LA	110	15.8	Manchester	Route 110 at Manchester in Los Angeles
VEN	118	17.5	Moorpark College	Route 118 at Collins Ave in Moorpark
VEN	118	25.7	Sycamore Dr.	Sycamore Dr. IC SW corner in Simi Valley
VEN	118	28.8	Stearns-Simi	SE corner Stearns St in Simi Valley
LA	126	12.2	Oak Creek Ave.	0.5 miles W Rte. 14
LA	170	16.6	Oxnard Street	SE corner Oxnard St IC in N Hollywood
LA	210	R16.1	Lowell	SE corner Lowell Ave in Glendale
LA	210	R41.5	Grand Ave	SE corner Grand & Baseline in Glendora
LA	210	6.0	Paxton	SE corner Paxton St in Pacoima
LA	210	29.4	Sierra Madre Blvd.	Sierra Madre Blvd. at Route 210
LA	210	44.2	Lone Hill	Route 210 at SE corner Lone Hill in Glendora
LA	210	47.2	Via Verde	Via Verde IC NW corner in San Dimas
LA	405	43.0	Van Nuys Blvd.	NE corner Van Nuys Blvd/Keswick
Sand and Salt Staging Areas				
LA	2	61.8	Cedar Springs	Sand and Salt Storage
KN	5	5.0	Tejon Mtn.	Sand and Salt Storage
LA	5	68.0	Whitiker Summit	Sand and Salt Storage,
LA	5	75.6	Liebre	Sand and Salt Storage

TABLE 3-1: DISTRICT 7 FACILITIES (Continued)

CO	RTE	PM	NAME	COMMENTS
LA	5	81.9	Quail Lake	Sand and Salt Storage
LA	14	46.8	Ward Road	Sand and Salt Storage
LA	14		Vincent	Sand and Salt Storage
LA	33		Sespe Gorge	Sand and Salt Storage
Toll Road and Toll Bridge Plazas				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Table 4-1 shows high-risk areas for surface water. These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between the Los Angeles Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 210 PM 36-37	LA	Santa Fe Flood Control Basin	Located on the San Gabriel River, 4 miles downstream from the mouth of the San Gabriel Canyon. The primary purpose of the dam is to provide flood protection for the densely populated area between the dam and Whittier Narrows Reservoir.	
SR 405 PM 40-41	LA	Sepulveda Flood Control Reservoir	Located on the L.A. River at the junction of 405 and 101 Freeways. The reservoir's purpose is to collect flood runoff temporarily and release to the L.A. River at a flow rate that does not exceed the downstream channel capacity.	

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER) (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 39 PM 17.5-26.0	LA	San Gabriel River Reservoir	This is located in the San Gabriel Canyon, 7.5 miles north of the City of Azusa. The main use and purpose of the reservoir is for flood control and water conservation.	
SR 2, PM 13-14	LA	Silver Lake Reservoir	The reservoir is owned by the city of LA and was constructed in 1976. The reservoir is 77 acres with a storage capacity of 2020 acre-ft.	
SR 5, PM 23	LA	Silver Lake Reservoir	The reservoir is owned by the city of LA and was constructed in 1976. The reservoir is 77 acres with a storage capacity of 2020 acre-ft.	
SR 5, PM 41-43	LA	Lower San Fernando Storm Water Detention Basin	A large reservoir 1.6 miles long and 130 feet deep. The reservoir works in conjunction with the main Los Angeles Aqueduct System, which supplies 80% of the City's water.	
SR 19, PM 18	LA	Whittier Narrows Flood Control Basin	The dam provides water conservation storage and is also the central element of the LA County Drainage Area flood control system. The purpose of the project is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam.	

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER) (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 23, PM 1-3	Ventura	Las Virgenes Reservoir	The reservoir is capable of holding up to 9,800 acre-feet of water stored in times of high supply and from natural rain runoff. The reservoir was built to assure reliable potable water delivery in time of drought, in emergency, or if regular supplies from MWD are interrupted.	
SR 27, PM 16-18	LA	Chatsworth Reservoir	The reservoir is owned by the city of LA and was constructed in 1918. The reservoir is 607 acres with a storage capacity of 9886 acre-ft.	
SR 57, PM 2	LA	Puddingstone Reservoir	The reservoir is a flood control and water conservation project constructed by the Los Angeles County Flood Control District. The reservoir's surface area is 490 acres with the storage capacity of 16342 acre-ft.	
SR 60, PM 10-12	LA	Whittier Narrows Flood Control Basin	The dam provides water conservation storage and is also the central element of the LA County Drainage Area flood control system. The purpose of the project is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam.	

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER) (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 101, PM 18-20	LA	Sepulveda Flood Control Reservoir	The reservoir is a flood control project constructed by the Army Core of Engineers. The purpose of the reservoir is to collect flood run off from the uncontrolled drainage areas upstream, store it temporarily, and release it to the LA River.	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Department postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Figure 5-1 shows major roads and highways with postmile location within District 7.

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
1	D	1X140	LA	1	42.5	Drainage system correction	405.13	Topanga Canyon	SWPPP, HR	4/00	4/00	10/02	1/03	2/04
2	C	1660U	LA	1	27.4-30.9	Widen, restriping, signal and intersection	405.12	none	SWPPP	3/96	7/00	9/01	1/03	7/06
3	D	14551	LA	1	8.8-9.3	Construct R/R grade separation	405.12	L.A. River/Dominguez Channel	303d, SWPPP	3/96	7/98	3/03	6/03	10/04
4	D	20603	LA	1	35.0/63.0	Install and upgrade guard rails	405.13, 404.11, 404.21, 404.44	Malibu Creek	SWPPP	6/00	9/99	10/02	1/03	8/04
5	C	1661U	LA	1	28.7/30.7	Widen, replace OC and construct new bridge	405.12	L. A. River	SWPPP	3/00	3/01	10/03	8/04	3/08
6	D	14550	LA	1	08.8/09.5	Construct railroad grade separation	405.12	Dominguez Channel	SWPPP	3/96	7/98	11/03	2/04	5/06
7	D	11704	VEN	1	15	Modify interchange	403.11	none	SWPPP	10/92	8/97	3/00	6/00	4/04

SECTION FIVE

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
8	C,D	12023	LA	2	3.7-5.9	Multi-modal parkway	405.13	none	SWPPP	7/96	11/00	3/02	11/03	10/07
9	C	20602	LA	2	17.8/82.0	Install and upgrade guardrails	405.32, 405.43, 405.23	none	SWPPP	1/00	1/99	5/04	11/04	2/06
10	C	23130	LA	var	var	Construct, operate, and maintain LITTER REMOVAL DEVICES per Trash TMDLs	405.12, 405.13, 405.15, 405.21 405.25	LA River & Ballona Creek	303d, SWPPP	9/01	9/01	6/05	11/05	8/06
11	C	23550	LA	5	39.5/42.6	Soundwalls construction	405.21	L.A. Reservoir	SWPPP	10/94	5/02	12/04	3/05	4/06
12	D	44048	LA	5	20.3	Construct light rail transit system	405.21	L. A. River	303d	8/00	12/03	8/02	2/03	9/03
13	C	2159C	LA	5	1.8-3.0	Reconstruct interchange	405.15	Fullerton Creek/ Coyote Creek/ North Fork Coyote Creek	303d, SWPPP	1/01	2/02	7/06	10/06	11/10
14	C	12180	LA	5	26.7 - 36.4	Widen for HOV lane	405.21	L. A. River	303d, SWPPP, HR, 401	3/00	12/01	10/03	8/05	7/08

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
15	C	13350	LA	5	30.5 - 31.2	Modify interchange	405.21	none	SWPPP	3/99	6/02	1/04	4/05	10/08
16	C	12190	LA	5	36.4 - 39.4	HOV lane	405.21	Tujunga Wash	303d, SWPPP, HR, 401	9/95	12/00	8/05	11/05	10/08
17	D	12200	LA	5	39.4 - 45.6	Widen for HOV lane	405.21	East Canyon Channel / Grapevine Canyon / L.A. Aqueduct / LA Reservoir / Upper and Lower Retention Basins /	303d, SWPPP, HR	10/94	2/97	5/03	8/03	9/05
18	C	16800	LA	5	44.3 R-45.9 R	Construct direct HOV connectors	405.21	Castaic Creek	SWPPP	3/97	2/01	5/05	8/05	6/09
19	C	18701	LA	5	52.7 R-53.9 R	Reconstruct rte 5/126 separation	403.51	Santa Clara River	303d, SWPPP	7/09	9/00	5/03	7/05	2/06
20	C	19320	LA	5	55.7 R-56.8 R	Improve interchange and overcrossing	403.51	Santa Clara River	303d, SWPPP	6/99	10/01	5/04	8/04	4/09

SECTION FIVE

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
21	D	10716	LA	5	83.2 R-84.9	Widen overcrossing to 6 lanes & add rps	403.51	Castaic Creek	SWPPP	12/94	7/00	7/00	10/00	9/03
22	D	1760U	LA	5	52.7 R/53.7	Reconstruct interchange and bridges	403.51	Santa Clara River	SWPPP	7/98	9/00	1/02	4/02	2/08
23	C	20604	LA	5	00.0 /13.5	Install and upgrade guardrails	4085.15	L. A. River	SWPPP	5/00	9/99	6/04	8/04	11/05
24	C	22660	LA	var	var	Construct, operate, and maintain LITTER REMOVAL DEVICES per Trash TMDLs	405.12, 405.13, 405.15, 405.21 405.25	LA River & Ballona Creek	303d , SWPPP	6/01	6/01	1/04	7/04	3/05
25	C	12077	LA	5	45.6 R/88.6R	Install CCTV and communication system	403.51, 403.42, 403.43	Pyramid Lake, Castaic Creek, Castaic Lake	SWPPP	7/00	5/03	3/05	5/08	8/10
26	C	1035G	LA	5	17.8 /	Construct eastside tunnel under FWY 101	405.15	none	SWPPP	4/01	7/02	3/03	7/03	4/06
27	D	18090	LA	10	11-13	Highway planting and irrigation	405.15	Ballona Creek	303d, SWPPP	8/97	12/98	7/00	10/00	5/05

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
28	D	1069U	LA	10	28-31.2	Widen existing freeway and bridges	405.41	Rubio Wash, San Gabriel River	303d, SWPPP, 401	12/02	6/98	1/02	4/02	2/06
29	C	11707	LA	10	31.2 - 33.4	Construct one HOV lane in each direction	405.41	San Gabriel River	303d, SWPPP, HR	12/95	12/02	8/05	3/06	11/08
30	C	11172	LA	10	33.4 - 37.5	Soundwalls	405.41	none	SWPPP	12/95	9/00	7/08	10/08	11/11
31	C	11708	LA	10	33.4 - 37.5	Construct one HOV lane in each direction	405.41	none	SWPPP	12/95	12/02	7/08	10/08	11/11
32	C	11934	LA	10	37.5 - 42.4	Construct one HOV lane in each direction	405.41	Walnut Creek	303d, SWPPP, HR, 401	8/00	12/02	7/08	10/08	11/11
33	D	1224U	LA	10	42.4 - 48.3	Widen freeway and structures	405.41	San Jose Creek	303d, SWPPP, HR, 401	12/95	11/94	2/01	5/01	6/05
34	D	18070	LA	10	7.2-9.1	Planting and irrigation	405.15	none	SWPPP	8/97	12/99	4/01	7/01	9/95
35	D	18080	LA	10	9.1-11	Planting and irrigation	405.15	Ballona Creek	303d, SWPPP, HR	8/97	12/98	1/01	4/01	2/05
36	D	14790	LA	10	04.2 R/14 .8	Construct pavement access	405.13, 405.15	none	SWPPP	6/00	9/99	12/02	4/03	6/04

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
37	D	18210	LA	10	04.6 /17.2	Upgrade surveillance system	405.13, 405.15	L. A. River	SWPPP	2/00	7/01	5/02	5/03	1/07
38	C	22670	LA	var	var	Construct, operate, and maintain LITTER REMOVAL DEVICES per Trash TMDLs	405.12, 405.13, 405.15, 405.21 405.25	LA River & Ballona Creek	303d , SWPPP	6/01	6/01	10/04	4/05	12/05
39	D	4E240	LA	14	35.3	Scour mitigation/check dam	403.55	Santa Clara River	303d, SWPPP, 401	9/99	9/99	6/03	9/03	11/05
40	C	19410	LA	14	35.8 /43.1	Cut and stabilize rock slopes	403.55	Santa Clara River	SWPPP	8/01	8/01	10/04	1/05	9/06
41	D	20605	LA	19	00.0 /08.5	Install and upgrade guardrails	405.12	L. A. River, Los Cerritos Channel	SWPPP	8/99	10/99	6/03	9/03	10/04
42	C,D	11545	VEN	23	03.5 R-11.4 R	Widen to 6 lane	406.65, 403.62, 408.68, 403.64	Arroyo Las Posas/Arroyo Santa Rosa/Arroyo Conejo	303d, SWPPP, 401	12/02	12/00	1/04	4/04	2/08
43	C,D	20700	LA	27	00.0 /11.1	Highway safety improvements	405.11	San Gabriel River	SWPPP	4/02	11/01	4/04	6/04	3/05

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
44	D	00920	LA	30	00.8 R- 02.7 T	Highway planting and irrigation	405.41	San Dimas Wash	303d, SWPPP	8/93	12/98	1/00	4/00	6/04
45	C,D	17217	LA	30	02.3 R- 05.4 R	Landscape	405.41	MWD Aqueduct / Puddingstone Channel	SWPPP	9/96	9/96	8/03	6/04	12/04
46	C,D	1264F	LA	30	05.4 R- 08.3 R	Landscape	405.53	Marshall Creek / Live Oak Reservoir	303d, SWPPP	9/96	9/96	8/03	6/04	6/05
47	C,D	20070	VEN	34	06.3 /17. 7	Install guardrails, stripes, and traffic control	403.11, 403.12	none	SWPPP	4/02	11/01	4/04	6/04	3/05
48	B,C	19920	LA	39	41.6 /43. 4	Reconstruct roadway	405.43	San Gabriel River	SWPPP	9/01	7/04	1/07	4/07	4/08
49	B,C	13820	LA	47	03.6 /	Seismic retrofit *SR# 627	405.12	Dominguez Channel	303d, SWPPP	12/01	4/04	11/05	2/06	8/08
50	D	19490	LA	47	3.6- 4.3	Install interim steel bridge deck	405.12	none	303d, SWPPP	6/00	4/02	1/03	11/03	4/04
51	D	16620	LA	47	3- 3.7	Construct grade separation interchange	405.12	Dominguez Channel	303d, SWPPP	3/96	4/00	2/03	5/03	6/06

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
52	D	18900	LA	47	5.4-5.8	Widen to 6 lanes and signalization	405.12	none	SWPPP	2/96	12/02	1/02	4/02	11/03
53	D	18890	LA	47	5-5.4	Widen to 6 lanes and signalization	405.12	none	SWPPP	1/96	12/02	6/01	7/01	4/04
54	D	12097	LA	57	00.0 R/07 .7R	Install comminute system CCTV TOS-3	405.41	none	SWPPP	2/00	3/00	4/01	6/03	8/07
55	D	1257U	LA	60	22.4 R/25 .0R	HOV direct connector and collector road	405.41	none	SWPPP	11/96	9/00	4/03	7/03	10/06
56	D	14780	LA	60	00.0 /15.1	Maintenance vehicle pullouts	405.41, 405.15	L. A. River, San Gabriel River	SWPPP	12/02	10/97	8/02	4/03	3/04
57	C	20170	LA	60	29.4	Maintenance station	405.41	none	SWPPP	5/00	10/01	6/04	1/05	12/05
58	D	00302	LA	60	07.6 R-11.3	Highway planting and irrigation	405.41	none	SWPPP	8/93	12/98	6/00	9/00	2/05
59	C	12941	LA	60	11.7 /19.5	Widen FWY for HOV	405.41	San Gabriel River	SWPPP	7/97	9/00	3/05	6/05	8/08
60	C	12942	LA	60	18.0 /23.0R	Widen FWY for HOV	405.41	none	SWPPP	7/97	9/00	10/05	1/06	3/09

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
61	C	1035H	LA	60	02.6 R/	Eastside LRT	405.15	none	SWPPP	10/00	5/03	1/04	6/04	6/06
62	B,C	21061	LA	71	00.5 /01.7	Reconstructi on add lanes	405.41	none	SWPPP	2/01	6/02	6/05	9/05	8/09
63	B,C	21062	LA	71	01.7 /02.8	Reconstructi on add lanes	405.41	none	SWPPP	2/01	6/02	5/07	12/07	8/11
64	D	1693U	LA	90	1.2-1.8	Construct bridge, widen & restripe roadway	405.13	Ballona Creek / Centinela Creek	303d, SWPPP, 401	3/96	7/00	6/01	4/04	10/06
65	D	20760	LA	101	11.6 /38.1	Install high INT RTRORFLC TV sheeting	405.21, 404.22, 404.23	LA River	SWPPP	4/02	1/01	10/03	1/04	3/05
66	D	21850	LA	101	11.7 /25.8	Beautificatio n and modernizati on	405.21	LA River	SWPPP	9/00	7/02	1/04	4/04	5/08
67	C	12016	LA	101	37.5	Modify interchange	404.25	none	SWPPP	4/03	9/01	6/04	9/04	4/05
68	C	1035F	LA	101	00.9 S-0.4	Eastside lrt over freeway 101 - MTA project	405.21	LA River	303d, SWPPP	1/02	5/03	2/05	5/05	8/06

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
69	D	13990	LA	101	10.3 - 11.1	Construct new freeway overcrossing structures & ramps	405.21	LA River / Tujunga Wash	303d	3/94	11/99	3/00	2/02	7/03
70	D	06009	LA	101	13.7 - 15.7	Soundwalls	405.21	LA River	303d, SWPPP	4/00	1/01	9/02	12/02	11/03
71	D	06165	LA	101	17.5 - 20	Restore planting/upgrade irrigation	405.21	LA River	303d, SWPPP, HR	12/98	7/00	1/02	4/02	8/06
72	D	06166	LA	101	20 - 23.3	Restore planting/upgrade irrigation	405.21	LA River	303d, SWPPP, HR	12/98	7/00	4/31/2002	7/02	3/06
73	C	23210	LA	101	11.0 - 11.1	Construct Soundwall	405.21	LA River	SWPPP	5/03	11/03	9/03	8/04	3/05
74	C	13980	LA	101	9.7 - 24.9	Construct bud rapid transit	405.21	LA River	303d, SWPPP, HR	6/03	6/03	12/03	3/04	12/05
75	D	12075	LA	101	17.1 / 25.4	Install CCTV and communication system	405.21	LA River	SWPPP	3/00	4/00	3/01	6/03	3/07
76	C	12088	LA	101	25.3 / 38.2	Install CCTV and communication system	405.21, 404.22, 404.23	LA River	SWPPP	12/99	7/01	10/04	3/05	3/08

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
77	C	14130	LA	101	11.9 /27.0	Lighting and sign illumination	405.21	LA River	SWPPP	1/93	10/97	5/06	8/06	4/07
78	C	18550	VEN	101	00.4 /32.7	Upgrade median barrier	408.68, 403.64, 403.12, 403.11, 402.10	Santa Clara River/San Jon Barrance/ Prince Barranca/ Ventura River/Conejo Creer, Calleguas Creek/ Revolon Slough/Along Arroyo Conejo	SWPPP	12/99	12/02	12/04	2/05	1/06
79	B,C	23740	LA	101	00.8 /00.8	Replace bridge over LA-101	405.15	LA River	SWPPP	7/02	10/03	5/07	11/07	9/09
80	C	00343	VEN	101	20.1	Reconstruct interchange	403.11	none	SWPPP	4/99	3/02	6/05	3/04	1/06
81	D	10495	VEN	101	12.8 - 14.2	Reconstruct route 34 interchange PHASE 1	403.12	none	SWPPP	12/95	3/97	7/02	10/02	8/05

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
82	D	10276	VEN	101	14.5 - 15.1	Construct ramps & realign roadway*phase II	403.12	Camino Lake	SWPPP	2/98	2/98	6/01	8/01	9/05
83	C,D	19160	VEN	101	15.9 - 17.8	Construct interchange	403.12, 403.11	none	SWPPP	12/99	3/00	12/03	3/04	10/06
84	C	4H360	VEN	101	20.2 - 28.5	Construction of soundall	403.11, 402.10	Ventura River/ Arrundell Barranca/Barlow Canyon	303d, SWPPP	3/02	3/02	3/05	6/05	1/06
85	D	4H380	VEN	101	20.9 - 21.8	Construction of soundall	403.11	none	SWPPP	3/02	3/02	6/03	9/03	11/03
86	D	19290	VEN	101	21.5 - 31.5	Concrete median barrier	403.11, 402.10	Ventura River/ Arrundell Barranca/Barlow Canyon	303d, SWPPP	11/98	11/98	4/03	7/03	4/04
87	D	0607U	VEN	101	22-24.0 R	Widen roadway and reconstruct bridge	403.11	Santa Clara River	303d, SWPPP, 401	12/95	6/01	5/02	8/02	2/06
88	C,D	23430	LA	110	08.6 /15.0	Slab replacement	405.15, 405.12	Dominguez Channel	SWPPP	3/02	12/0/0	12/03	3/04	4/05
89	D	44047	LA	110	25.8	Construct LRT system	405.15	Arroyo Seco Channel	303d	8/00	4/03	7/03	10/03	4/04

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
90	D	16811	LA	110	09.9 /17.5	Install CCTV and communication system	405.15	Dominguez Channel	SWPPP	3/00	4/00	2/01	7/03	11/06
91	D	14280	VEN	118	23.3 R/32.6R	Converting lighting to HPS	403.67	none	SWPPP	10/97	10/97	10/03	1/04	7/05
92	B,C	06577	VEN	118	21.9	Add interchange	403.62	Arroyo Simi	303d, SWPPP	11/02	5/03	6/04	7/05	12/05
93	C,D	11679	VEN	118	27.3 - 32.6	Widen from 6 to 8 lanes	403.67	Las Lajas Canyon/Arroyo Simi	303d, SWPPP, 401	1/99	2/01	5/03	4/04	10/04
94	C	22380	VEN	118	32-32.5	Construct eastbound off-ramp & westbound on-ramp	403.67	Santa Clara River	SWPPP	4/02	1/03	6/03	1/05	3/05
95	D	18720	LA	126	05.7 R-06.4 R	Interchange improvement (phase I)	403.21	Castaic Creek/Santa Clara River	303d, SWPPP, HR	7/99	6/01	3/03	6/03	8/03
96	C	23720	VEN	126	00.0 /13.1	Install median barrier	403.21, 403.31	Santa Clara River	SWPPP	10/02	10/02	3/05	6/05	1/07
97	C	18702	LA	126	05.9 R/07.1R	Realign, widen MAGIC MNTN PKWY	403.51	Santa Clara River	SWPPP	7/99	9/00	10/03	4/07	11/07

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
98		23250	LA	134	05.9/08.4	Beautification and modernization	405.21	L.A. River	SWPPP	3/01	6/02	10/05	1/06	3/10
99	A	22440	LA	134	0.9-2.9	Construct soundwalls	405.21	tributary to L.A. River	303d, SWPPP	11/02	1/03	8/05	11/05	5/07
100	D	06174	LA	134	0-2.1	Soundwalls	403.21	tributary to L.A. River	303d, SWPPP	2/00	9/00	10/02	1/03	1/05
101	C	18270	LA	134	5.9-8.6	Restore planting/upgrade irrigation	405.21	L.A. River/Verdugo Wash North of Project	303d, SWPPP	9/97	6/02	11/04	2/05	6/09
102	D	0533U	LA	210	34.9R/39.5R	Soundwalls	405.41	San Gabriel River	SWPPP	8/00	3/01	11/02	2/03	12/04
103	D	12993	LA	210	33.3R/44.5R	Install comm/tos #4 field hardware	405.41	San Gabriel River	SWPPP	7/00	6/01	5/02	8/03	9/07
104	C	14521	LA	210	31.5	Seismic retrofit	405.41	none	SWPPP	12/99	12/02	7/09	11/08	6/10

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
105	C	12998	LA	210	00.0 R- 19.0 R	Install comm/tos #4 fieldhardware	405.21, 405.22, 405.23, 405.24	Eagle Canyon Channel/Pickens Canyon Channel/Hills Canyon Channel/Tujunga Wash/La Tuna Cyn/Blanchard Cyn/Cooks Cyn/Verdugo Wash/ Grapevine Cyn/Pacoima Wash/Indian Cyn.	303d, SWPPP, HR	12/01	7/04	9/07	4/08	1/11
106	C	12997	LA	210	18.8 R- 24.9 R	Install comm/tos #4 fieldhardware	405.31, 405.32, 405.41	Devil's Canyon/Arroyo Seco	303d, SWPPP	7/00	6/01	3/04	4/08	3/11
107	D	44042	LA	210	26.3 R- 29.3 R	Construct transit station in Med	405.31	none	SWPPP	8/00	2/03	5/03	8/03	5/04
108	D	44043	LA	210	27.8 R- 29.0 R	Construct traction power substation	405.31	none	SWPPP	8/00	3/03	6/03	9/03	3/04

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
109	D	22450	LA	210	35.3 - 35.8	Construction of soundall	405.41	none	SWPPP	7/02	7/02	9/03	12/03	5/03
110	C	22810	LA	210	29.4 /34.2	Soundwalls	405.41	none	SWPPP	10/02	1/03	7/05	10/05	1/07
111	C	23290	LA	210	24.6 /43.2	Soundwalls	405.31,405.41	San Gabriel River	SWPPP	3/03	3/03	7/05	10/05	1/07
112	C,D	21830	LA	405	40.1 /46.2	Highway planting restoration	405.21	Sepulveda Dam	SWPPP	3/01	5/02	8/03	11/03	1/08
113	C,D	23241	LA	405	00.0 /13.0	Highway planting restoration	405.12, 405.15	Dominguez Channel, L. A. River, Los Cerritos Channel	SWPPP	1/03	1/03	4/04	7/04	8/05
114	D	0535C	LA	405	41.3	Soundwall/r eplace planting	405.21	none	SWPPP	6/91	12/95	11/02	2/02	6/04

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
115	C	22460	LA	405	0-47.8	Construction of soundwall	405.15, 405.12, 405.13, 405.21	Los Angeles River/Los Cerritos Channel/Dominguez Channel/Centinela Creek to Ballona Creek/Stone Canyon Reservoir/East Canyon Channel	303d, SWPPP	1/98	6/00	10/03	3/04	2/07
116	D	05335	LA	405	15.5 - 15.9	Soundwalls	405.12	none	SWPPP	12/00	3/02	10/02	1/03	5/04
117	D	1198U	LA	405	21.3 - 26.4	HOV lane	405.12	Centinela Creek	SWPPP	2/87	1/90	9/02	10/02	1/07
118	D	1178U	LA	405	25.9 - 29.5	Construct HOV lane (both direction)	405.13	Ballona Creek/near Sepulveda Channel	SWPPP, HR	1/98	6/00	10/03	3/04	2/07
119	C,D	19590	LA	405	29.2 - 32.1	Add HOV lane and auxiliary lanes	405.13	none	SWPPP	1/03	1/03	9/03	6/04	12/06
120	B,C	12030	LA	405	29.5 - 39.5	Widen for HOV lane	405.21, 405.13	none	SWPPP, 401	2/01	1/04	1/06	10/06	1/16

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
121	D	19100	LA	405	37-39	Add auxiliary lane	405.21	none	SWPPP	7/99	1/00	7/00	2/01	12/03
122	C	19962	LA	405	38.9 - 40.1	Add HOV lane	405.21	none	SWPPP	7/01	11/02	8/04	5/05	12/06
123	D	19130	LA	405	39-39.4	Widen to 2 lanes	405.21	none	SWPPP	7/99	9/00	6/02	9/02	12/04
124	C	23300	LA	405	06.4 /43.1	Soundwalls	405.13, 405.12, 405.21	Dominguez Channel, Sepulveda Dam	SWPPP	8/02	5/03	7/05	10/05	1/07
125	D	16650	LA	605	02.8 R-19.5 R	Maintenance vehicle pullouts	405.15, 405.41	San Jose Creek, San Gabriel River	303d, HR	10/97	10/97	5/02	12/02	2/04
126	C	23310	LA	605	11.4 /20.2	Soundwalls	405.15, 405.41	San Jose Creek, San Gabriel River, Walnut Creek	SWPPP	10/02	10/03	7/05	10/05	2/07
127	C	22880	LA	710	06.9 /09.1	Beautification and modernization	405.12	L.A. River	SWPPP	1/03	2/03	5/05	8/05	9/09
128	C,D	23490	LA	710	06.8 /09.1	Landscape, drainage, and soundwalls rehab	405.12	L.A. River	SWPPP	1/03	3/03	5/04	8/04	9/08

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TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
129	C	22830	LA	710	03.7 / 05.0	Bridge replacement	405.12	Inner Harbor/Los Angeles River/East Basin	303d, SWPPP	2/03	4/04	3/06	6/06	7/09
130	C	17190	LA	710	21.9 -22	Modify interchange & ramps	405.15	none	SWPPP	2/97	6/01	10/04	7/05	5/06
131	D	18930	LA	710	4-5.3	Widen to 5 lanes	405.12	Inner Harbor/Los Angeles River/East Basin	303d	1/96	2/96	5/03	8/03	3/04
132	D	20130	LA	710	9.7-11	Bridge and freeway widening	405.12	Compton Creek/L.A. River	303d	9/99	9/99	11/01	2/02	1/05
133	C	1035J	LA	710	24.5 /	Eastside LRT under FWY near 3rd ST	405.15	none	SWPPP	10/00	7/03	3/05	9/05	1/08
134	D	22010	LA	5006	See Footnote	Widen superstructure FR 3/4 tracks	405.15	none	SWPPP	1/96	2/96	8/03	11/03	5/04
135	D	12690	LA	5403	AR. SO/ N. S	New overcrossing over Rte 405	405.12	Dominguez Channel	SWPPP	12/94	4/97	4/01	7/01	3/04

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
136	D	13101	LA	5530	See Footnote	Construct regional TMC & equipment	405.21	none	SWPPP	1/98	10/98	1/04	4/03	10/06
137	C	20160	LA	5707	See Footnote	Maintenance station	405.21	L.A. River (parallel)	303d, SWPPP	5/00	11/99	7/04	12/04	1/06
138	D	11953	LA	5708	See Footnote	Rebuilt maintenance station	405.43	East Fork Creek/Alder Creek	SWPPP	9/93	5/94	12/00	3/01	10/03
139	D	11565	LA	5743	/	Upgrade maintenance facility	405.41	none	SWPPP	11/92	12/95	8/01	11/01	12/03
140	D	21580	VEN	5952	Not Available	Construct wash racks	402.14, 403.32, 403.12	near Arroyo Simi/Ventura River/Calleguas Creek	Retro, SWPPP	1/01	12/01	10/02	1/03	7/04
141	B,C	21080	LA	5953	OS. AN/G.A	Training facility			SWPPP	9/00	8/03	12/04	3/05	9/05

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
LA	Various	Various	Install full trash capture devices per Trash TMDLs Phase I	Los Angeles River, Ballona Creek	303d, SWPPP	7/04	3/05
LA	Various	Various	Install full trash capture devices per Trash TMDLs. Phase II	Los Angeles River, Ballona Creek	303d, SWPPP	4/05	12/05
LA	Various	Various	Install full trash capture devices per Trash TMDLs. Phase III	Los Angeles River, Ballona Creek	303d, SWPPP	11/05	8/06
LA	Various	Various	Reconstruct existing BMPs to optimize their performance.	Various	Retro	2/04	8/04
LA	5	36.3-77.7	Basin, culvert & drop inlet cleaning	Tujunga Wash, Bull Creek, Santa Clara River	303d	7/03	6/04
LA	14	24.5-77.0*	Basin, culvert & drop inlet cleaning. Shoulder grading & slide removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	7/03	6/04
LA	60	19.3-24.7	Ditch cleaning	Walnut Cr. & San Jose Creek	303d	7/03	6/04
LA	101	10.8-15.5	Sweeping, graffiti	Los Angeles River, Tujunga Wash	303d	7/03	6/04
LA	103	1.4-1.8	Culvert cleaning	Pacific Ocean	303d	7/03	6/04
LA	126	2.0	Culvert cleaning	Santa Clara River	303d	7/03	6/04

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
VEN	126	5.0-34.6	Shoulder grading. Basin, culvert and drop inlet cleaning	Franklin Barranca, Wesson Bar, Ellsworth Bar, Todd Bar, Haines Bar, Adams Bar, Santa Paula Creek, Haun Creek, O'Leary Creek, Lord Creek, Sespe Creek, Pole Creek, Fall Creek, Hopper Creek, Piru Creek, Camulos Creek & Santa Clara River	303d	7/03	6/04
VEN	150	18.5-32.3	Basin & culvert cleaning. Shoulder grading & slide removal	San Antonio Creek, Thacher Creek, Lion Cyn Creek, Sycamore Creek, Sisar Creek & Santa Paula Creek	401	7/03	6/04

Maintenance Facility and Activity Inspections

All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.

One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.

Maintenance Facility BMP Improvements

Cover for Multi-chambered Treatment Train at the Silverlake Maintenance Station to prevent vector concerns. Other improvements will be based on the annual storm water facility inspections.

Maintenance BMP Actions/Modifications

Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.

Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.

Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Vegetation Management and Vegetated Slope Management							
Vegetation Control Plan The District 7 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items: <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Vegetated Slope Evaluation The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

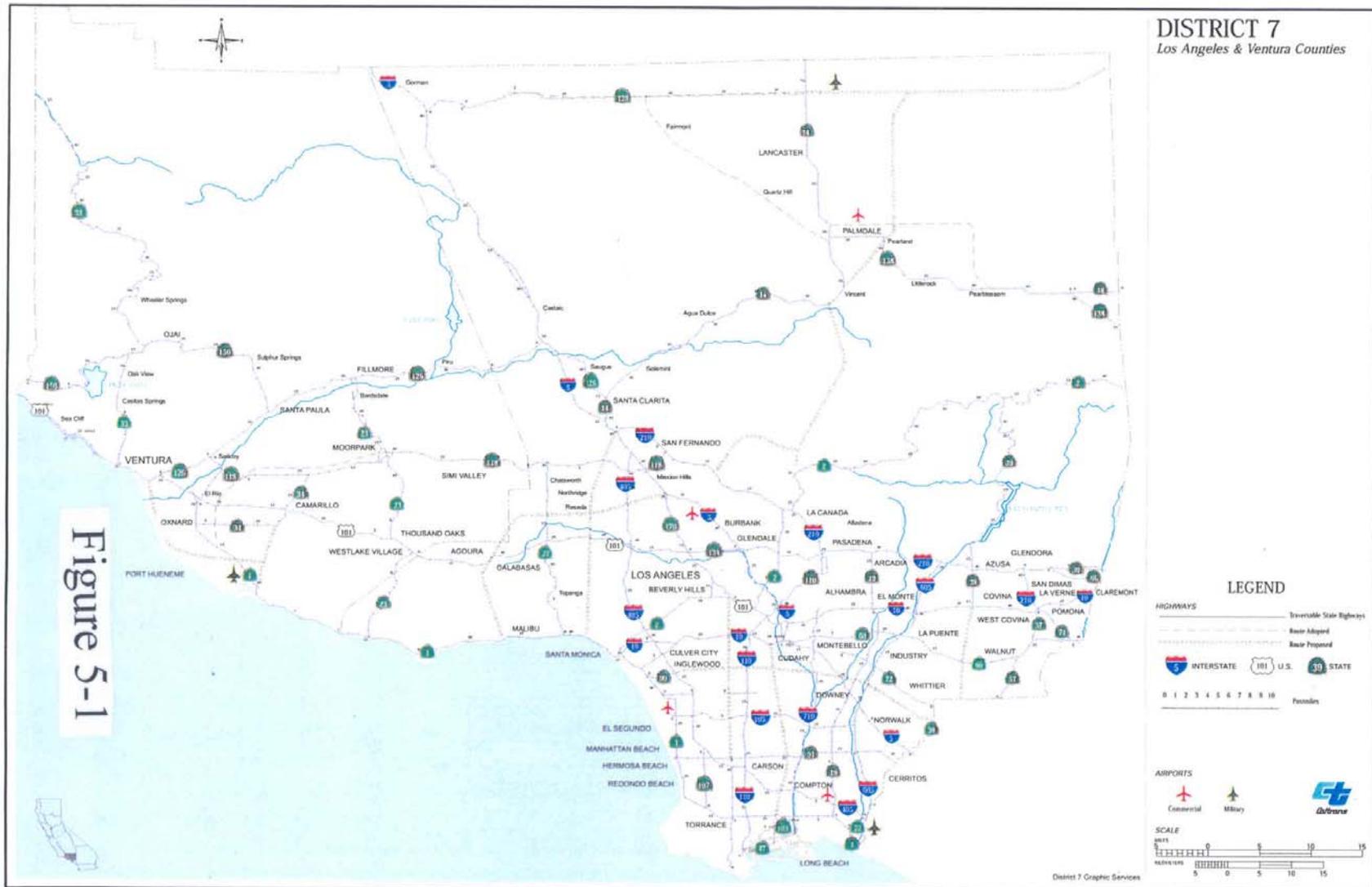
SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>Monitoring Activities</p> <p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Department projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
<p>Construction Compliance Monitoring Program</p> <p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>
<p>Training and Public Outreach</p> <p>Training of Department personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Department staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, including the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>The Project Planning and Design Guide training will be provided to Design staff.</p> <p>Additional training on permanent and temporary erosion control will also be given to Design staff.</p> <p>Public outreach, demonstration of Enviroscape watershed model in elementary schools.</p> <p>Public outreach in and local agency events such as Los Angeles River water sampling sponsors by Los Angeles and San Gabriel Water Committee.</p> <p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Department Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Caltrans projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>
<p>Municipal Coordination</p> <p>District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.</p>
<p>Monitoring Activities</p> <p>Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.</p>
<p>Construction Compliance Monitoring Program</p> <p>Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.</p>

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

Training and Public Outreach
Quarterly training on storm water issues will be provided to staff.
Public outreach, demonstration of watershed model in elementary schools.
Public outreach in Los Angeles County Fair and Los Angeles and San Gabriel Water Committee sponsored events such as Los Angeles River water sampling.
Two-day training seminars are planned for each of the District maintenance and construction supervisors.



**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **5**

**CALTRANS DISTRICTS
1, 2 AND 3**

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 1, 2 & 3

CENTRAL VALLEY REGION 5

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 1, 2, & 3

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

CENTRAL VALLEY REGION 5
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 1**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Valley Region 5**

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)]


Rick Knapp, District Director

2/18/03
Date

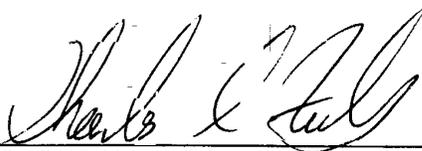
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 1

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Central Valley Region 5

April 1, 2003

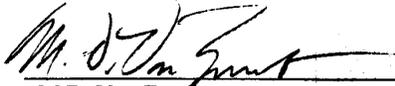
California Department of Transportation District 1



Charlie Fielder
Deputy District Director Program/Project Management

2/19/03

Date



M.D. Van Zandt
Deputy District Director Maintenance & Operations

2/13/03

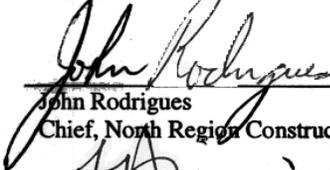
Date



Cheryl S. Willis
Deputy District Director Planning

2/18/03

Date



John Rodrigues
Chief, North Region Construction

2/20/03

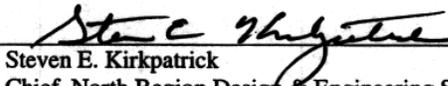
Date



Korte Ajise, AICP
Chief, North Region Environmental

2/18/03

Date



Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03

Date



Gary R. Horn
Chief, North Region Right Of Way

2-21-03

Date

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Valley Region 5**

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)]



Brian Crane, District Director

Feb. 24, 2003

Date

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Central Valley Region 5

April 1, 2003

California Department of Transportation District 2



Shirley Choate
Deputy District Director Program/Project Management

2-24-03
Date



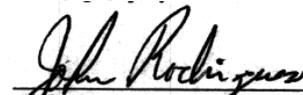
Russell Wenham
Deputy District Director Maintenance & Operations

2-21-03
Date



Rachel Falsetti
Acting Deputy District Director Planning

2-21-03
Date



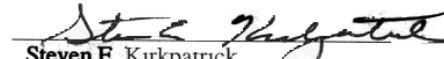
John Rodrigues
Chief, North Region Construction

2/20/03
Date



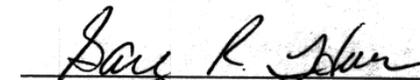
Kome Ajise, AICP
Chief, North Region Environmental

2/18/03
Date



Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03
Date



Gary R. Horn
Chief, North Region Right of Way

2-21-03
Date

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 3**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Valley Region 5**

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)]



Jody Logergan, District Director



Date

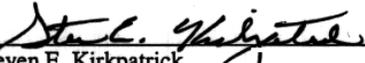
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 3

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Central Valley Region 5

April 1, 2003

California Department of Transportation District 3



Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03
Date



John Rodrigues
Chief, North Region Construction

2/20/03
Date



Steve Takigawa
Deputy District Director Maintenance

2/20/03
Date



Komy Ajise, AICP
Chief, North Region Environmental

2/18/03
Date



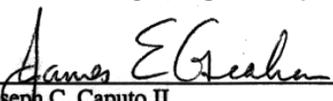
James E. Davis
Acting Chief, Program/Project Management

2/21/03
Date



Gary R. Horn
Chief, North Region Right of Way

2-21-03
Date

for 

Joseph C. Caputo II
Acting Deputy District Director, Traffic Operations

2/21/03
Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on Districts 1, 2, and 3 water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department Districts 1, 2, and 3 fall within the jurisdiction of the Central Valley Regional Water Quality Control Board (CV-RWQCB). An organization chart for North Region Storm Water responsibilities is shown in Figure 2-1. Staff responsible for implementing the SWMP within the CV-RWQCB jurisdiction are listed in Table 2-1. Delegation of signatory authority for key Permit / SWMP required documents is included as Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all North Region Environmental employees.
Jeff Pizzi	Chief, North Region Office of Storm Water Management	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all Office of Storm Water Management employees within Districts 1, 2, & 3.
Jennifer Fountain	North Region Administrative Ast.	(530) 634-7798	jennifer_fountain@dot.ca.gov	Primary contact for all administrative duties.
Chris Holm	North Region District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
Ted Schultz	North Region District 2 NPDES Coordinator	(530) 225-4640	ted_schultz@dot.ca.gov	Primary contact for all District storm water issues.
John Holder	North Region District 3 NPDES Coordinator	(916) 274-0567	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Design Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Kirk Carrington	North Region Construction Storm Water Coordinator – South East Area	(530) 582-9129	kirk_carrington@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Clark Davis	North Region Construction Storm Water Coordinator – South Area	(707) 744-2090	clark_davis@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
John Bulinski	District 1 Maintenance Storm Water Coordinator-Roadside	(707) 441-2014	john_bulinski@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES (Continued)

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Bob Fallis	District 1 Maintenance Storm Water Coordinator- Facilities	(707) 445-6625	bob_fallis@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Jim Osier	District 1 Encroachments Permits Storm Water Coordinator	(707) 445-6389	jim_osier@dot.ca.gov	Provides NPDES guidance to District 1 Encroachment Permits staff and permittees.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Brian Adams	District 2 Assistant Maintenance Storm Water Coordinator	(530) 229-0515	brian_adams@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Bob Raffety	District 2 Encroachments Permits Storm Water Coordinator	(530) 225-3121	bob_raffety@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees.
Dick Dier	District 3 Maintenance Storm Water Coordinator	(530) 741-5364	dick_dier@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Nora Hogan	District 3 Assistant Maintenance Storm Water Coordinator	(530) 741-5375	nora_hogan@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Fred Nakhaie	District 3 Encroachment Permits Storm Water Coordinator	(530) 741-5374	fereydoon_nakhaie@dot.ca. gov	Provides NPDES guidance to District 3 Encroachment Permits staff and permittees.

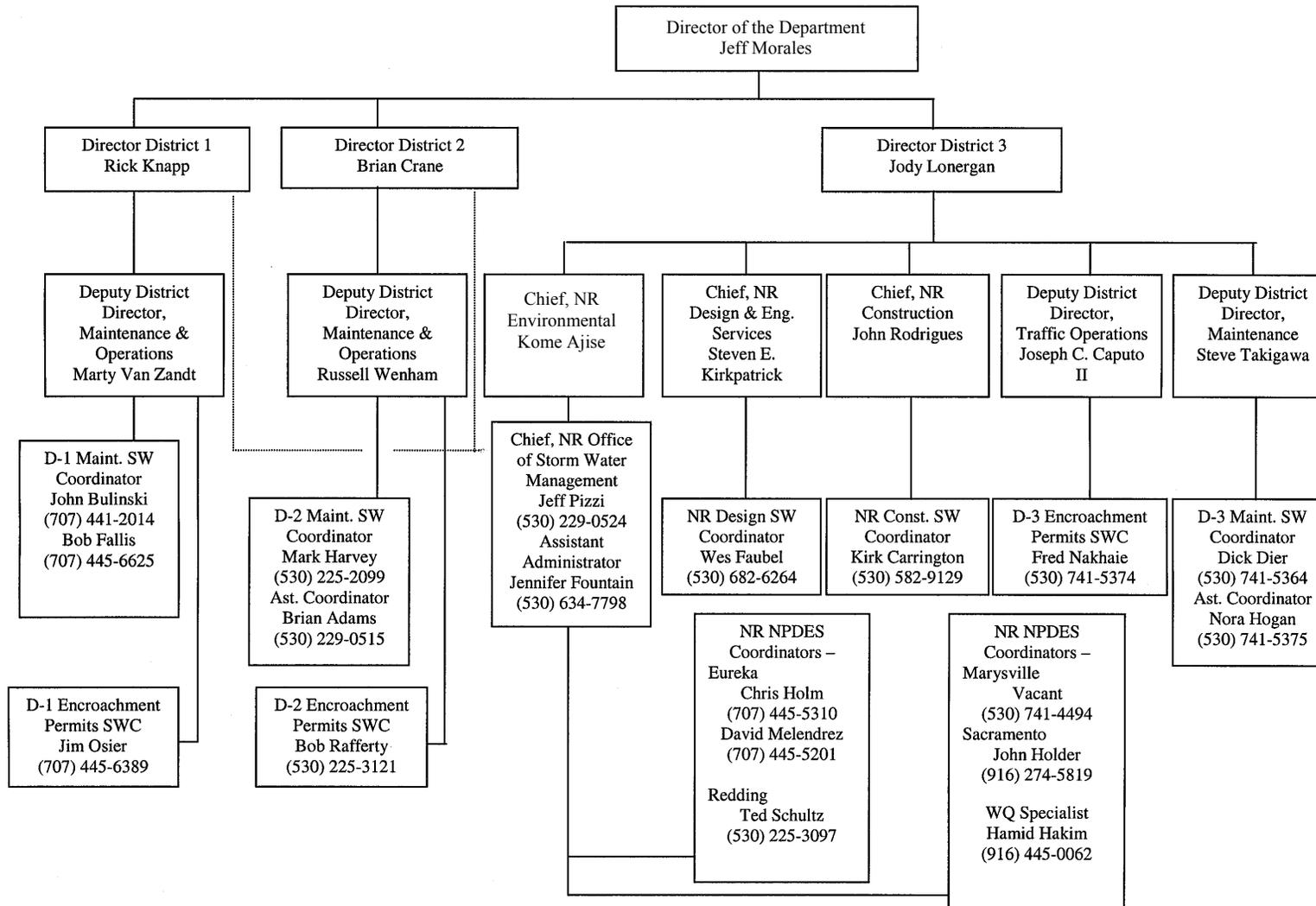
In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
District Director	All District Documents
Deputy District Directors/NR Program Chiefs	All District Documents
Chief, North Region Office of Storm Water Management	All District Documents except Annual Work Plan
North Region NPDES Coordinators	All District Documents except Annual Work Plan

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS (Continued)

Positions or Individuals	Documents Authorized for Signature
Construction Storm Water Coordinators	SWPPPs, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Storm Water Coordinators, Managers and HazMat Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Permit Storm Water Coordinators	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction Engineer/Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Facility Supervisor	Facility Pollution Prevention Plans (FPPP)



**Figure 2-1
Organizational Chart**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Tables 3-1 and 3-1. Maps showing the District boundaries, major roads and highways within the North Coast Regional Water Quality Control Board jurisdiction are presented in the accompanying Figures 3-1 and 3-2.

TABLE 3-1: DISTRICT 1 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 1 - MAINTENANCE STATIONS				
Lak	20	28.4	Clear Lake Oaks	Highway Maintenance
Lak	29	45.1	Lakeport	Highway Maintenance
DISTRICT 1 - VISTA POINTS				
Lak	29	39.8		Vista Point
Lak	29	41.4	George G. Hoberg	Vista Point
DISTRICT 1 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None.				
DISTRICT 1 - SAFETY ROADSIDE REST AREAS				
None.				
DISTRICT 1 - PARK AND RIDE FACILITIES				
Lak	175	27.8	Middletown	Santa Clara & Graham Streets
Lak	29	39.8	Lakeport	0.3 m S Jct. Rtes 29 & 175
DISTRICT 1 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

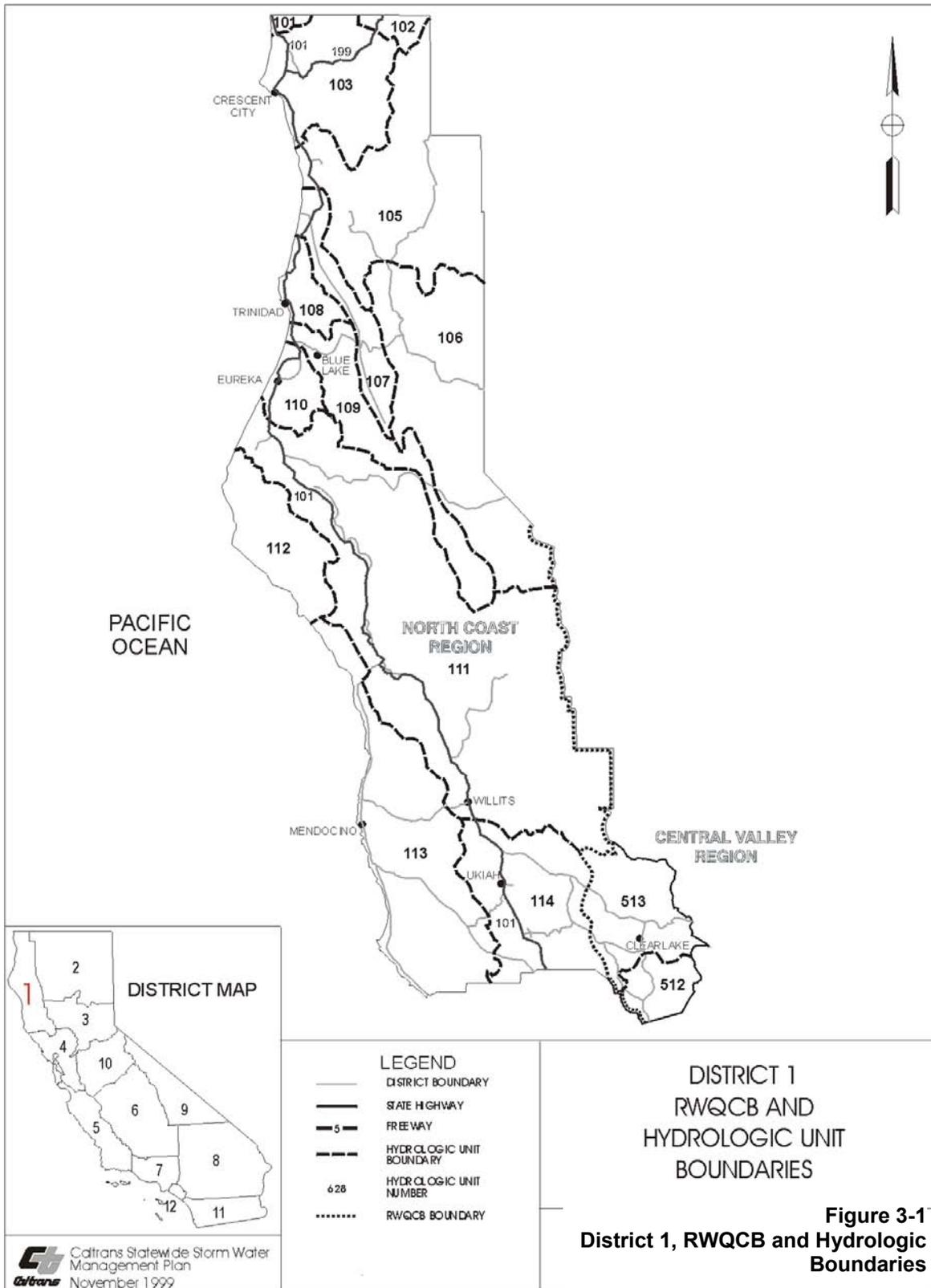


TABLE 3-2: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
But	70	042.1	Pulga	Highway Maintenance
Las	36	10.40	Fredonyer	Sand & Salt Storage
Las	36	98.70	Deer Creek	Sand & Salt Storage
Las	70	3.60	Hallelujah Jct.	Sand & Salt Storage
Las	139	32.20	Grasshoper	Sand & Salt Storage
Las	395	115.2	Termo	Sand & Salt Storage
Mod	139	044.9	Newell	Highway Maintenance
Mod	299	20.30	Canby	Sand & Salt Storage
Mod	299	025.6	Adin	Highway Maintenance
Mod	299	50.20	Cedar Pass	Sand & Salt Storage
Mod	395	023.0	Alturas	Highway Maintenance
Plu	36	006.5	Chester	Highway Maintenance
Plu	70	33.00	Greenville Wye	Sand & Salt Storage
Plu	70	045.3	Quincy	Highway Maintenance
Plu	70	55.20	Lee's Summit	Sand & Salt Storage
Plu	70	70.70	Willow Creek	Sand & Salt Storage
Plu	70	081.6	Beckwourth	Highway Maintenance
Plu	89	29.30	Canyon Dam	Sand & Salt Storage
Sha	5	014.5	Redding	Other Maintenance
Sha	5	014.5	Redding	Landscape Maintenance
Sha	5	014.5	Redding	Highway Maintenance
Sha	5	37.50	Salt Creek	Satellite
Sha	5	052.9	Gibson	Highway Maintenance
Sha	5	66.90	Castella	Sand & Salt Storage
Sha	36	008.7	Platina	Highway Maintenance
Sha	44	33.90	Shingletown	Sand & Salt Storage
Sha	44	062.5	Hat Creek	Highway Maintenance
Sha	273	16.00	Special Crews Office	Special Crews
Sha	299	68.20	Hatchet Mtn.	Sand & Salt Storage
Sha	299	075.6	Burney	Highway Maintenance
Sha	299	80.20	Burney Junction	Sand & Salt Storage
Sis	5	006.1	Mt. Shasta	Highway Maintenance
Sis	89	11.40	Bartle	Sand & Salt Storage
Sis	89	24.10	McCloud	Sand & Salt Storage
Teh	36	044.4	Red Bluff	Landscape Maintenance
Teh	36	044.4	Red Bluff	Highway Maintenance
Teh	36	082.2	Mineral	Highway Maintenance
DISTRICT 2 - VISTA POINTS				
Las	44	57.5	Panorama Point	Vista Point
Las	139	23.0	Eagle Lake	Vista Point
Mod	395	52.1	Goose Lake	Vista Point
Plu	14 7	0.4	Lake Almanor	Vista Point
Sha	5	62.5	Castella	Vista Point
Sha	151	1.47	Shasta Dam	Vista Point
Sha	299	16.5	Whiskeytown	Vista Point
Sha	299	69.7	Hatchet Mountain	Vista Point
Sha	299	89.56	Pit River	Vista Point

TABLE 3-2: DISTRICT 2 FACILITIES (Continued)

Sis	89	15.4	McCloud	Vista Point
Teh	36	9.8	South Fork Mountain Summit	Vista Point
Teh	36	72.6	Battle Creek	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Sha	5	40.8	Cottonwood	SB
Sha	5	40.6	Cottonwood	Northbound (NB)
Sha	5	R7.2	Dunsmuir Grade	SB
Plu	70	33.0	Keddie	WB
Sha	299	12.6	Whiskeytown	EB
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Las	44	14.5	Bogard	28 mi. NW of Susanville
Plu	36	R12.8	Lake Almanor	4.3 mi. E of Chester
Plu	70	R79.1	L. T. Davis	3 mi. E of Portola
Plu	70	49.8	Massack	6.5 mi. E of Quincy
Sha	5	R31.1	O'Brien	9 mi. N of Project City
Sha	5	R43.1	Lakehead	0.9 mi. N of Lakehead O.C.
Sha	44	34.7	Shingletown	3.1 mi. E of Shingletown
Sha	299	60.6	Hillcrest	3.9 mi. E of Montgomery C.B.
Teh	5	R10.3	Lt. John C. Helmick	NB & SB
Teh	5	35.0	Herbert S. Miles	4.4 mi. N of Red Bluff; NB & SB
DISTRICT 2 - PARK AND RIDE FACILITIES				
Sis	89	34.3	Mt. Shasta	SE Corner Azalea Road & Route 89
Teh	5	41.5	Cottonwood	E side Bowman Road Interchange
Sha	44	7.0	Deschutes Road	NE Corner Deschutes Road & Route 44
Plu	70	66.6	Blairsdan	N side Jct. Route 70 & Route 89
Sha	44	24.8	Black Butte Road	S side Black Butte Road & Route 44
Sha	44	31.7	Shingletown	N side Wilson Hill Road & Route 44
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

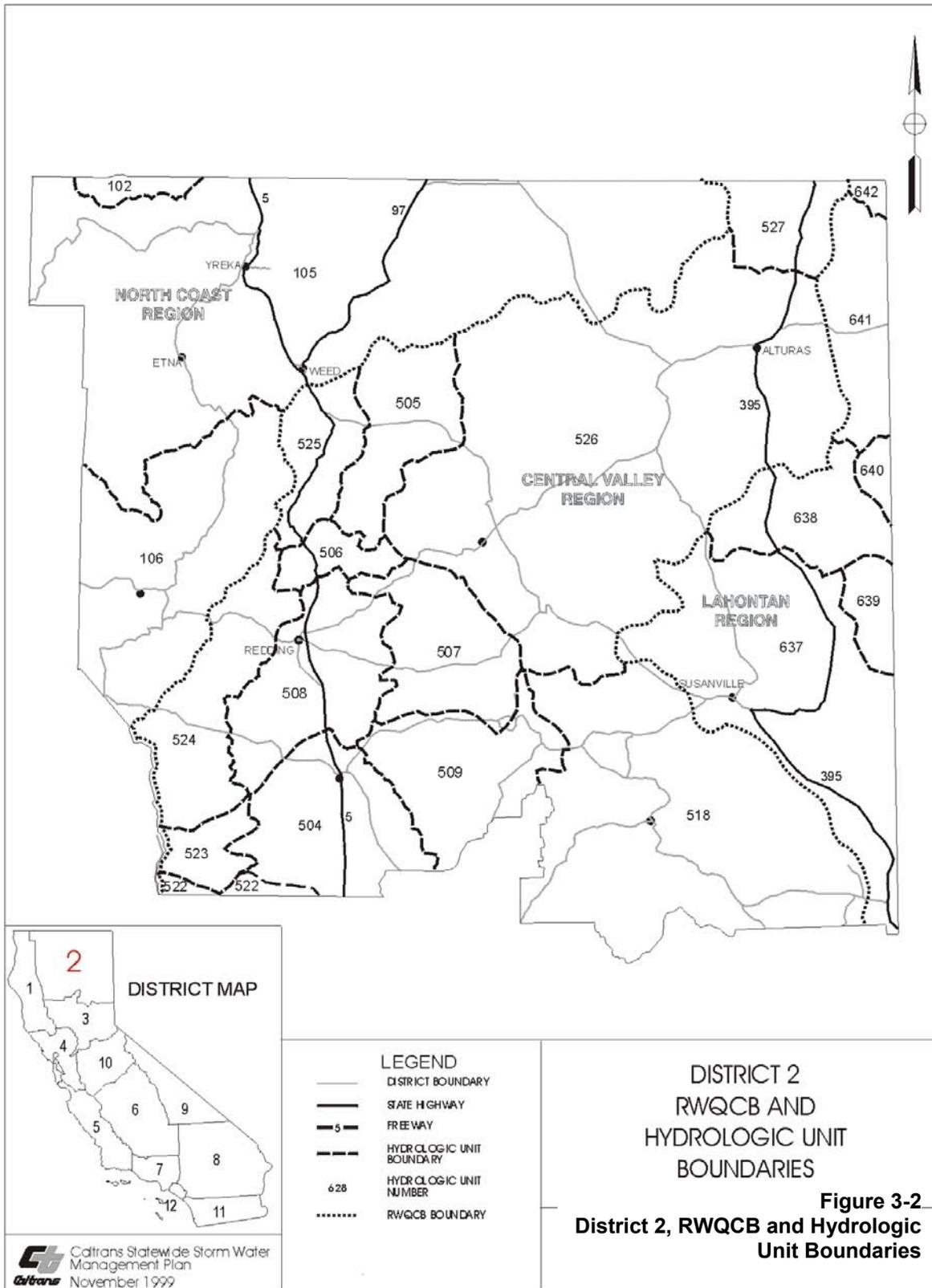


TABLE 3-3: DISTRICT 3 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
DISTRICT 3 - MAINTENANCE STATIONS				
But	99	30.4	Chico	Highway Maintenance
Col	20	21.9	Williams	Highway Maintenance
Col	20	30.0	Colusa	Highway Maintenance
Ed	50	18.6	Placerville	Highway Maintenance
Ed	50	38.10	Riverton	Sand And Salt Storage
Ed	80	42.10	Gold Run	Sand And Salt Storage
Gle	5	10.4	Willows	Highway Maintenance
Nev	20	15.70	Empire Street	Satellite
Nev	20	15.9	Nevada City/North Region	Highway Maintenance
Nev	20	45.70	Junction 80/20	Satellite
Nev	80	0.1	Kingvale	Highway Maintenance
Nev	80	5.10	Castle Peak	Sand And Salt Storage
Nev	267	0.6	Truckee	Highway Maintenance
Pla	49	4.7	Auburn	Highway Maintenance
Pla	80	50.7	Whitmore	Highway Maintenance
Pla	80	63.40	Cisco	Sand And Salt Storage
Pla	174	0.60	Colfax	Special Crews
Sac		0.0	Sacramento	Highway Maintenance
Sac		0.0	South Electric Shop	Special Crews
Sac	5	23.0	2 nd Street	Satellite
Sac	5	24.40	Richards Boulevard	Satellite
Sac	50	0.0	Sunrise Ms	Highway Maintenance
Sac	51	1.70	South Bridge Crew	Special Crews
Sac	80	0.30	3 rd Street	Satellite
Sac	80	3.1	Roseville	Highway Maintenance
Sac	80	3.90	E Street	Satellite
Sac	80	5.2	Northgate South Region	Highway Maintenance
Sac	99	12.8	Elk Grove	Highway Maintenance
Sac	99	20.90	47 th Avenue	Satellite
Sac	99	22.1	Fruitridge	Landscape Maintenance
Sac	99	23.10	12 th Avenue	Satellite
Sac	99	34.70	East Avenue	Satellite
Sie	49	19.8	Downieville	Highway Maintenance
Sut	99	31.10	Onstott Road	Satellite
Yol	16	28.4	Esparto	Highway Maintenance
Yol	80	0.92	West Sacramento	Highway Maintenance
Yol	113	11.5	Woodland	Highway Maintenance
Yub	20	1.5	Marysville	District 3 Office
Yub	20	1.60	Yuba Street	Special Crews
Yub	20	9.2	Marysville 12th St	Landscape Maintenance
Yub	70	13.2	Marysville	Highway Maintenance
DISTRICT 3 - VISTA POINTS				
SIE	49	45.3	Sattley	Vista Point
NEV	20	31.7	Washington Road	Vista Point

TABLE 3-3: DISTRICT 3 FACILITIES (Continued)

DISTRICT 3 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Sac	50	27.1	Camino	WB
Sac	80	16.0	Antelope	WB
Sac	80	15.9	Antelope	EB
DISTRICT 3 - SAFETY ROADSIDE REST AREAS				
Sac	5	34.1	Elkhorn	at Sacramento Metro Airport
Yol	5	R26.3	Dunnigan	0.5 mi. N of Dunnigan; NB & SB
Col	5	R24.3	Maxwell	2 mi. S of Maxwell; NB & SB
Gle	5	R14.6	Willows	2 mi. S of Artois; NB & SB
Pla	80	1.4/41.4	Gold Run	between Sawmill & Gold Run OC; EB & WB
Nev	80	R5.6	Donner Summit	on Donner Pass; EB & WB
Nev	20	35.7	Alpha-Omega	4.1 mi. E of Washington Junction
DISTRICT 3 - PARK AND RIDE FACILITIES				
But	70	15.4	Oroville	NW Corner Grand Avenue & Third Street
But	32	10.3	Chico	First Street & Route 32
Ed	50	5.0	Cambridge Drive	at Cameron Dr Interchange
Ed	50	8.6	Ponderosa	Ponderosa & E. Shingle Springs Rd.
Ed	50	8.6	Ponderosa Rd. West	Ponderosa Rd. West
Ed	50	12.2	Greenstone	Greenstone Road I/C S of Placerville
Ed	193	0.0	Cool	SE Corner Route 193 & Route 49 in Cool
Nev	20	4.7	Pleasant Valley	Pleasant Valley Road & Route 20 W of G. V.
Nev	20	6.3	Penn Valley	NE Corner Penn Valley Road & Route 20
Nev	20	12.9	Grass Valley	Intersection of Rtes 49 & 174
Nev	49	1.6	Streeter	Streeter Road & Route 49 S of Grass Valley
Nev	49	7.2	Lime Kiln	Lime Kiln Road & Route 49 S of Grass Valley
Pla	49	5.9	Atwood	Atwood Road & Route 49 N of Auburn
Pla	80	3.1	Atlantic Street	NE Corner Atlantic St in Roseville
Pla	80	3.7	Taylor Road	Taylor Road near Route 65 O.C. near Rocklin
Pla	80	13.6	Newcastle	IC Newcastle Rd
Pla	80	13.8	Indian Hills	Indian Hills Road & Newcastle Rd
Pla	193	3.0	Sierra College Blvd	IC of Sierra College Blvd E and Lincoln
Sac	16	11.5	Sunrise	Sunrise and Hwy 16
Sac	50	15.8	Hazel	Hazel Ave Interchange near Orangevale
Sac	99	3.5	Twin Cities	Twin Cities Road & Route 104 in Galt

TABLE 3-3: DISTRICT 3 FACILITIES (Continued)

Sac	99	12.76	Elk Grove	Near Stockton Blvd. & S of Elk Grove Blvd.
Sac	99	14.9	Sheldon	SE Corner Sheldon Road N of Elk Grove
Sac	99	15.9	Calvine	Calvine Road IC SE Corner
Sac	99	33.4	Elkhorn	Elkhorn Blvd near Sacramento
Yol	80	9.2	Enterprise	SW Corner Enterprise Dr near W Sacto.
DISTRICT 3 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>.

4.0 HIGH RISK AREAS

A list of High-Risk areas within Districts 1, 2, and 3 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and The Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment	County	High Risk Area	Description	Comments
DISTRICT 1				
20 / 13.3	LAK	Clearlake Intake	Water for Nice Mutual Water Co.	0.2 miles to facility. Appropriate BMPs will be considered for project 29620
DISTRICT 2				
44 / 49.2	SHA	Manzanita Creek	Water for Lassen VNP - Manzanita Lake	1.5 miles to facility..
151 / 0.0	SHA	Shasta Lake Intake	Water for City of Shasta Lake	0.3 miles to facility..
299 / 16.7	SHA	Whiskeytown Lake Intake	Water for Centerville C.S.D.	1.3 miles to facility.
DISTRICT 3				
70 / 30.0	BUT	Lime Saddle Treatment Plant	Water for Del Oro Water Co.-Lime Saddle Marina	1.5 miles to facility.
162 / 21.3	BUT	Lake Oroville Spillway	Water for CSP Lake Oroville-Spillway	2.0 miles to facility.
50 / 29.5	ED	Reservoir 01 Water Treatment Plant	Water for El Dorado ID - Main	0.3 miles to facility.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment	County	High Risk Area	Description	Comments
50 / 3.4	ED	Bass Lake Water Treatment Plant	Water for El Dorado ID - Main	1.8 miles to facility. Appropriate BMPs will be considered for project 3A710
193 / 5.9	ED	Auburn Lake Trails	Water for Georgetown Divide PUD	0.1 miles to facility. Appropriate BMPs will be considered for project 3A710
80 / 22.2	PLA	Bowman Water Treatment Plant	Water for Placer CWA - Auburn/Bowman	0.5 miles to facility. Appropriate BMPs will be considered for project 0A600
16 / 19.5	SAC	Consumnes River (Lake Chesbro)	Water for Rancho Murieta CSD	2.3 miles to facility
49 / 33.3	SIE	Sardine Lake	Water for Sardine Lake Resort	1.0 miles to facility.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after March 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1. Table 5-1 as included in this work plan has been abbreviated in order to accommodate a font size that is readable. A CD-Rom containing the full version of Table 5-1 in Microsoft Excel format will be overnight mailed to the RWQCB by March 28, 2003.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
43260	LAK	20	9.4/12.1	Widen Paved Shoulders	12/02	07/04	09/05	12/06	08/08			B	Rodman Slough	SWPPP	> 2.5
29620	LAK	20	12.2/13.6	Continuous Left Turn Lane	03/96	06/99	07/02	10/02	10/04			D		SWPPP	> 1
42970	LAK	20	17.2/17.9	Remove Guard Railing / Modify Drainage	03/01	11/03	02/04	07/04	06/05	Miranda	Wong	D	Lucerne Creek-Tributary to Clear Lake	SWPPP	TBD
40970	LAK	20	31.1/32.5	Construct Interchg & Frntg Rds 20/53	09/00	07/05	09/08	02/09	10/12			B	Nr. Sweet Hollow Crk - No Tributaries	SWPPP	> 1
36380	LAK	20	38.5/42.0	Roadway Rehabilitation	12/01	09/04	11/05	02/06	09/08	Miranda	Wong	ND			
27681	LAK	20	38.6/45.3	Roadway Rehabilitation	10/98	03/02	01/03	04/03	10/05	Lai	Mason	B		SWPPP	TBD
41460	LAK	20	39.8/40.5	Curve Improvement	10/01	04/04	09/05	01/06	11/08			B		SWPPP	TBD
42330	LAK	20	40.4/41.0	Curve Improvement	10/01	09/04	12/05	02/06	12/07			B	Clear Lake	SWPPP	TBD
41210	LAK	20	46.0/46.3	Curve Realignment	01/01	01/03	11/03	04/04	07/07	Hogan	Meyer	B	Clear Lake	SWPPP	TBD
40860	LAK	29	6.3/6.6	Channelization And Realignment	06/99	05/02	09/02	11/02	04/04	Ferreira	Hui	D	St. Helena Creek	SWPPP	TBD
23001	LAK	29	9.4/9.9	Bridge Replacement (Scour)	09/97	05/97	03/00	06/00	10/03	Cagle	Farnbach	D	Putah Creek	401/WPC P	TBD
42110	LAK	29	9.7/	Place Rsp And Construct Spur Dikes	04/00	03/03	12/03	01/04	07/05			B	Putah Creek	SWPPP	>1
41190	LAK	29	11.7/12.1	Left Turn Channelization And Inter-Section Lighting		05/02	07/02	01/03	01/04	Lassiter	Taubeneck	ND			
2981U	LAK	29	23.8/31.6	Convert To 4 Lane Expressway		12/04	01/07	03/07	10/08	Hoang	Meyer	ND	Thurston Creek	SWPPP	250

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
29810	LAK	29	23.9/27.9	Convert To 4 Lane Expressway	04/99	12/04	09/07	01/08	TBD	Hoang	Meyer	B	Thurston Creek	SWPPP	100 acres
41020	LAK	29	27.4/27.9	Vertical Curve Improvement	10/01	07/02	04/03	08/03	01/05	Hoang	Meyer	D	Thurston Creek	SWPPP	TBD
29490	LAK	29	27.9/31.1	Convert To 4 Lane Expressway	07/98	12/04	09/07	01/08	09/09	Hoang	Meyer	B	Thurston Creek	SWPPP	150 acres
41160	LAK	29	31.1/34.6	Convert To 4-Lane Expressway	08/01	07/06	TBD	03/11	TBD	Hoang	Meyer	B	McIntire Creek, Cole Creek	SWPPP	50-100 acres
29140	LAK	29	34.1/40.9	Convert To 4-Ln Freeway/Expressway	08/01	07/08	03/13	03/13	03/15	Hoang	Meyer	B	Kelsey Creek, McGaugh Slough, Adobe Creek, Thompson Creek, Hill Creek, Manning Creek	SWPPP	75-275 acres
34520	LAK	29	38.3/38.9	Modify Intersection	11/99	11/02	01/03	02/03	08/04	Herzburg	Calkins	D	Manning Creek-Tributary to Clear Lake	SWPPP	6.9

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
32580	LAS	44	0.0/14.9	Roadway Rehabilitation	10/97	10/02	12/02	1/03	11/04	Johnson	Burnett	D		SWPPP	TBD
29970	MOD	299	39.3/40.6	Widen To 3 Lanes	05/98	07/01	08/07	10/07	11/08			ND			
39010	MOD	395	3.0/3.3	Upgrade & Rehabilitate Drainage	08/01	12/02	02/03	05/03	12/03			C	Pit River	SWPPP	0.5
36032	MOD	395	11.0/25.2	Roadway Rehabilitation	09/99	10/03	06/04	12/04	12/06			ND			
38740	MOD	395	23.3/61.6	Cap M - Ac Overlay	05/02	11/04	02/05	04/05	01/06			ND			
39710	MOD	395	28.2/	Install Intersection Lighting	02/02	12/02	12/02	02/03	09/03	Young	Pontius	D		SWPPP	TBD
39300	PLU	36	4.0/6.3	Thin Blanket Overlay	12/01	08/02	12/03	02/04	01/05	Ogaz	Ogaz	D	N. Fork Feather & var	SWPPP/401	>5
39640	PLU	36	12.8/	Pavement Rehab Of Parking Lot	08/00	10/02	11/02	02/03	10/03	Weber	Topal	B		SWPPP	TBD
31140	PLU	49	0.1/7.4	Modify Culverts	4/99	8/01	12/01	2/02	10/03			D	Sheep Cr	SWPPP/401	0.1
39800	PLU	70	0.7/	Install Tunnel Lighting	01/02	02/03	10/03	12/03	12/04	Taubeneck	Taubeneck	D		SWPPP/401	TBD
3016U	PLU	70	3.0/7.0	Bridge Rehabilitation - Var Locations	TBD	1/97	4/01	03/02	09/04	TBD	Newton	C		SWPPP/401	TBD
37310	PLU	70	35.1/35.5	Replace Bridge No. 9-15	05/93	05/05	09/07	02/08	11/10			C		SWPPP	TBD
3259U	PLU	70	41.5/46.3	Roadway And Bridge Rehabilitation				04/02	03/05			D	Mid Frk Feather R.	SWPPP/401	>5
0C210	PLU	70	48.0/53.5	Slope Revegetation	06/00	07/03		11/03	10/04			D	Sulfur Cr	SWPPP	2.5
30880	PLU	70	51.2	Replace Bridge	10/97	7/02	10/03	2/04	11/05	Jones	Jones	ND			
29990	PLU	70	51.3/51.9	Construct Eb Passing Lane	10/97	7/02	10/03	2/04	11/05			ND			

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
39620	PLU	70	61.4/62.2	Repair Sunken Grade	04/02	09/02	10/02	04/03	11/03	Johnson	Burnett	ND			
26336	PLU	70	78.4/86.0	Roadway Rehabilitation	04/99	06/02	03/02	06/02	11/03	Johnson	Burnett	ND			
37780	PLU	70	79.1/	Lt Davis Safety Roadside Rest Area	09/01	06/03	05/05	10/05	08/06	Stockton	Stockton	ND			
37460	PLU	84	49.9/	Massack Safety Roadside Rest Area	09/01	10/03	05/05	10/05	10/06	Flood	Topal	ND			
36600	PLU	89	0.7/2.7	Realign Curve	09/01	02/03	11/03	04/04	10/05			ND			
32760	PLU	89	2.7/3.2	Realign Curves	04/97	04/02	09/02	02/03	01/04			ND			
36900	PLU	89	10.1/10.8	Indian Creek Passing Lanes - Establish	12/01	07/04	02/05	10/05	10/06	Speer	March	ND	Sulphur Creek	SWPPP/401/404/1601	20
39610	PLU	89	15.7/	Wetland/Reparian	03/02	12/02	12/02	05/03	10/03			ND			
38570	PLU	89	15.8/	Improve Drainage	07/00	09/03		02/04	09/04			ND			
38030	PLU	89	24.8/28.5	Add Drainage Capacity - Near Wolf Creek Up	8/96	2/02	9/02	12/02	9/03	Hagen	Sykes	ND		SWPPP	2.4 AC
38520	PLU	147	4.3/4.6	Place Additional Rsp Near Canyon Dam	01/00	08/01	02/03	06/03	10/03	Henry	Ogaz	B	N. Fork Feather & var	SWPPP/401	>43
35070	PLU	L5707	/	Construct Buildings	10/98	04/00	02/02	06/02	10/03	Lassiter	Taubeneck	B		SWPPP	TBD
38820	SHA	L5734	/	Develop New Property For New Bulk Fuel Facility	10/01	11/01	12/02	01/03	11/03	10/04	Triantafyllou	Charles	ND		
0C080	SHA	L5716	/	Installation Of Storage Canopies			09/02	12/02	11/04			ND			
35150	SHA	L5713	/	Upgrade Facilities	09/99	09/01	11/02	02/03	01/05			ND			

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
35080	SHA	L5709	/	Const Office-Equip Bays-Cover Strge	11/98	12/99	09/02	12/02	10/04	Johnson	Burnett	ND			
35060	SHA	L5705	/	Construct Various Buildings	11/98	07/00	10/01	06/02	10/04	Speer	March	ND	none	SWPPP	4.4
32560	SHA	89	21.7/29.8	Replace Bridge & Realign Rdwy	09/99	07/04	07/06	11/06	11/10			B		SWPPP	TBD
36060	SHA	89	21.7/26.5	ROADWAY REHABILITATION	09/01	09/04	07/05	10/05	11/06			D	Pit River	SWPPP/401/303	49.0
31040	SHA	89	29.4/43.3	Roadway Rehab	08/95	03/03	04/03	01/04	10/05			ND			
39290	SHA	5	0.0/19.0	Grinder Digouts		09/02	12/02	01/03	07/03	Elder	Elder	ND			
38770	SHA	5	0.1/2.0	Cap M - Ac Overlay	09/01	03/04	08/04	08/05	02/07			ND			
37100	SHA	5	1.2/	Cottonwood Hills	8/01	TBD	TBD	TBD	TBD			ND			
38270	SHA	5	2.0/27.0	Redding Beautification	10/00	03/04	04/05	01/06	06/09			ND			
39660	SHA	5	3.8/5.9	Replace Approach Slabs	10/00	11/02	12/02	01/03	11/03			C			
26012	SHA	5	6.4/7.6	Replace Bridges		4/00	6/00	9/00	8/04	Johnson	Burnett	ND			
39590	SHA	5	12.1/	Construct Pcc Ramp Termini Pavement	08/01	11/03	11/03	03/04	01/05	Unassigned	Unassigned	ND	TBD	TBD	TBD
38100	SHA	5	14.9/15.4	Planting And Irrigation	05/00	07/01	11/01	01/02	10/05			ND			
32801	SHA	5	15.1/15.7	Widen Str, Add Aux Lns & Mod Ramps	01/99	12/02	06/05	01/06	08/09			ND		SWPPP	
39670	SHA	5	17.4/18.1	Widen Northbound Off Ramp	03/02	11/02	11/02	12/02	10/03			D	Churn Cr		40.0

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
38260	SHA	5	28.8/29.3	Construct Concrete Guardrail -	01/99	02/02	03/02	10/02	10/03	Weber	Moore	ND			
35810	SHA	5	34.2/51.8	Install Median Barrier				06/02	01/04	Kyo	Olson	ND	Yank Creek	SWPPP	2
37890	SHA	5	40.2/40.2	Antlers Bridge Replacement. (Br# 6-89) Pds Psr - Bridge Replacement	09/01	01/05	03/07	09/07	08/12			ND			
38750	SHA	5	40.4/44.0	Roadway Rehabilitation	09/01	08/03	09/04	02/05	04/06			ND			
37470	SHA	5	43.7/55.9	Median Barrier	11/00	11/00	08/02	12/02	01/04	Key	Sykes	B		SWPPP	TBD
38730	SHA	5	58.0/67.0	Cap M - Ac Overlay	09/01	09/01	11/03	03/04	02/05			D		SWPPP	40.0
31090	SHA	36	7.3/7.8	Bridge Replacement (Scour)	08/97	06/03	07/03	10/03	01/05	Ponce	Elder	ND			
39080	SHA	44	1.6/	Repair Scour Damage	05/00	08/03	10/03	01/04	11/04	Sutherland	Moore	ND			
39230	SHA	44	3.3/4.0	Interchange Reconstruction	12/02	11/03	12/04	05/05	05/07			ND			
36840	SHA	44	3.6/7	Improve Capacity	2/00	1/05	9/06	12/06	11/09			ND			
39750	SHA	44	7.0/	Beautification Project	04/02	11/02	11/02	11/02	10/06			ND			
38860	SHA	273	0.0/16.0	Grinder Digouts		04/02	01/03	03/03	09/03			B		SWPPP	TBD
39770	SHA	273	011.8/	Lengthen & Widen Left Turn Pocket	03/02	03/03	09/03	01/04	10/04			B	Shasta Lake	SWPPP/401	TBD
39840	SHA	273	14.4/	Lengthen & Widen Sb R. Turn Lane	04/02	02/03	04/03	07/03	05/04			B		SWPPP	30.0
32802	SHA	273	16.7/17.0	Realign & Shift Redding Couplets	10/97	06/02	11/03	04/04	01/05			C		SWPPP	TBD

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
32720	SHA	273	16.8/20.0	Roadway Rehab & Bridge Widening	09/99	09/01	10/02	04/03	05/05	Martin	Burnett	C		SWPPP	TBD
39060	SHA	299	12.6/	Repave And Expand Parking Area	11/01	04/02	07/02	10/02	09/03	Elder	Elder	D	Sacramento River	SWPPP/401	TBD
26120	SHA	299	20.3/23.8	Roadway Rehab (Including Ramps)	09/99	01/01	11/01	05/02	10/03	Panchesson	Sykes	C	Mid Frk Cottowood Cr	SWPPP/401	TBD
37320	SHA	299	24.0/	Install Roadside Signs And Lighting	11/00	12/01	11/01	07/02	07/03	Ewens	Burnett	C	Lk Britton	SWPPP/401	TBD
38840	SHA	299	24.4/24.4	Construct Auxillary Lanes		12/02	06/05	11/05	08/09	Earles	Barriga	ND	Shasta Lake, Sacramento River, Salt Ck, Dog Ck, Mosquito Ck	SWPPP	20
36070	SHA	299	30.3/40.7	Roadway Rehabilitation	9/99	2/04	4/05	12/05	10/07	Johnson	Burnett	ND			
38480	SHA	299	32.0/32.3	Construct Two-Way Left Turn Lane		09/02	10/02	02/03	01/04	Johnson	Burnett	ND			
37050	SHA	299	50.87/51.7	Realignment - Drinking Fountain Curve	12/02	02/05	01/06	05/06	11/07	Stanley	Charles	ND		wpcp	0.2
31050	SHA	299	76.2/91.4	Roadway Rehabilitation	10/97	7/03	11/04	1/05	7/07	Stanley	Charles	ND		wpcp	0.3
31020	SHA	299	95.1/99.4	Roadway Rehabilitation	10/96	11/01	03/02	11/02	01/04	Johnson	Elder	ND			
39470	SIS	89	25.0/		Pedestrian Undercrossing	04/00	07/03	10/03	01/04	Lees	Topal	B		SWPPP	TBD
37770	TEH	99	12.6/12.9	Construct Two Way Left Turn - Los Molinos	2/00	8/01	2/02	7/03	12/03			ND			
34370	TEH	99	13.3/	Replace Bridge	07/96	09/00	10/00	03/01	10/03			ND			

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
29592	TEH	99	16.0/17.3	Replace Bridge	09/99	04/03	05/04	08/04	01/06			ND			
29593	TEH	99	17.4/18.4	Bridge Replacement (Scour)	10/98	05/01	01/02	06/02	12/04			D	Mill Cr	SWPPP/401	<1
25147	TEH	99	8.4	Bridge Replacement (Scour)	08/97	07/03	05/05	08/05	01/08			ND			
37070	TEH	5	7.2/7.7	South Avenue Interchange -	07/01	05/04	08/05	12/05	12/07			B	East Sand Slough	SWPPP/401	TBD
36170	TEH	5	10.5/	Rebuild New Nb & Sb Corning Srra	09/99	03/02	05/04	08/04	02/06	Ewens	Burnett	D	Tooms Cr	SWPPP/401	TBD
39920	TEH	5	22.5/26.0	Pcc Slab Replacement		10/02	01/03	03/03	09/03	Browing	Topal	C	Dye Cr	SWPPP/401	TBD
37560	TEH	5	26.5/27.5	Bridge Replacement Bridge # 8-96R/L	09/01	09/07	11/07	01/10	12/11			D	Antelope Cr	SWPPP/401	TBD
2618U	TEH	5	27.1/27.8	Construct Two Ramps At Adobe Road (Phase 1)				04/01	10/03	Key	Sykes	ND		SWPPP	TBD
30171	TEH	5	28.6/31.7	Construct Nb Median Lane	12/98	07/03	05/04	08/04	01/06			ND			
30170	TEH	5	35.1/37.1	Construct Nb Median Lane	02/99	07/03	05/04	08/04	01/06			ND			
39070	TEH	5	40.8/	Rebuild/Expand Scale Ops Bldg	10/01	04/02	08/02	12/02	09/03			ND			
3970U	TEH	5	41.5/	Ramp Rehab	04/02	09/02	10/02	01/03	10/03			ND			
3441U	TEH	5	42.0/42.1	Highway Planting	07/98	11/99	01/00	03/00	12/03			ND			
35420	TEH	32	0.0/24.9	Rehabilitate Roadway	8/99	1/04	9/05	12/05	10/07			D	Los Molenos Cr	SWPPP	2.5

TABLE 5-2: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
37520	TEH	36	0.0	Park & Ride/Vista Point Facilities Ada Compliance	07/02	01/03	07/03	10/03	10/04			B		SWPPP	10.0
36000	TEH	36	41.9/	Deck Rehabilitation/Scour	09/99	10/06	09/08	02/09	11/11			B		SWPPP	10.0
31130	TEH	36	81.5/	Replace Existing Bridge Deck	10/97	03/01	08/01	12/01	10/03	Lamment	Montre	B		SWPPP	TBD
36420	TEH	36	98.9/	Deck Replacement, Scour Mitigation	10/00	04/04	03/05	06/05	10/06	Panchesson	Sykes	B	N. Frk Deer Cr	SWPPP/401	TBD
36830	TEH	172	0.0/6.6	Replace Culverts - Mill Creek	09/99	05/01	06/02	12/02	10/03			B	Sacramento River	SWPPP/401	TBD
36210	TEH	L5728	/	Relocate Maintenance Station	09/01	07/03	05/05	08/05	10/07						

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
0C340	BUT	32	1.4/1.8	Realign & Left Turn Channelization	09/01	10/03	12/04	04/05	01/06			B		SWPPP	>1
4a450	BUT	32	5.0/5.5	Construct 2-Way Left Turn Lane	05/99	06/02	11/02	01/03	01/04			ND			
4A440	BUT	32	6.0/6.1	Construct Left Turn Pocket	05/99	03/03	10/04	01/05	01/06			ND			
1C370	BUT	32	6.4/6.5	Construct Left Turn Channelization	09/00	10/03	09/04	01/05	01/06			ND			
3A630	BUT	70	10.6/13.6	Widen To 4 Lanes, Extend, Const I/C	04/99	08/03	01/05	07/05	01/08			B		SWPPP	30.0
4A830	BUT	70	21.6/22.0	Intersection Improvements	09/00	08/03	03/04	05/04	04/06	Andrus	Jones	ND			
4A900	BUT	70	21.7/37.9	Metal Beam Guardrail Upgrade	01/02	07/02	04/03	07/03	04/04			ND			
2A600	BUT	70	26.2/26.7	Construct Right Turn Pocket	08/99	04/01	05/02	07/02	12/03			C		SWPPP	>1
3A270	BUT	99	4.1/4.4	Widen To 5 Lns, Curb/Gutter & Sdwlk	04/00	07/03	06/04	07/05	09/07			B		SWPPP	>5
36690	BUT	99	8.6/13.2	Base Repr, Ac Overlay, Widen	03/99	01/04	02/05	08/05	10/07			B		SWPPP	33.6
39180	BUT	99	13.2/21.6	Rdwy Rehab, Base Repair & Ac Overly	09/01	09/01	02/02	06/02	10/03			D		SWPPP	>1
4A840	BUT	99	23.9/	Improve Interchange Connection	01/02	09/02	09/02	01/03	08/03			B		SWPPP	>1
3A040	BUT	99	32.4/33.3	Aux Lanes Revise Ic, Widen Ramps	11/00	11/04	09/06	03/07	06/09			B		SWPPP	>5
3A402	BUT	99	33.9/35.3	Irrig Upgrade And Replace Planting	04/02	06/06	12/06	06/07	04/11			ND			

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
33870	BUT	99	38.1/44.4	Widen, Ac Overlay, Extend Drainage	12/93	06/01	05/02	02/03	05/05			D		SWPPP	20.0
3822U	BUT	149	0.0/4.6	Const 4 Ln Exprs & 2 Fwy To Fwy Ics	06/91	03/03	03/03	10/03	01/07			D		SWPPP	>100
4A980	BUT	191	10.0/11.4	Widen, Con 2-Way Lft Trn Ln+ Signal & Swalks, Imp Shlds, Inst Storm Drain Sys	07/01	04/04	06/05	12/05	07/07			B		SWPPP	5.0
0C900	COL	16	4.6/4.7	Rock Slope Protection	06/00	12/01	03/02	04/02	11/03			D		SWPPP	0.6
2A810	COL	20	22.2/39.3	Drainage & Operational Improvements	03/02	09/06	10/07	02/08	01/10			B		SWPPP	>1
0C050	COL	20	32.8/33.6	Two Way Left Turn Way	09/01	07/03	TBD	09/04	TBD			B		SWPPP	2.3
1A97V	COL	20	32.8/39.3	Rehab Pvmnt, Widen, Add Passing Lns, Constr 2-Way Left Turn Lane	09/99	04/03	04/04	10/04	12/07	Lammet	Montre	ND			
1A97U	COL	20	33.1/39.3	Rehab Pavement	09/99	01/02	10/03	04/04	12/06			B		SWPPP	45.5
44640	COL	20	36.0/38.0	Widen & Add Passing Lanes	07/97	04/02	01/04	05/04	01/07			B		SWPPP	5.2
3A440	COL	45	6.0/32.2	Drainage Improvements	11/01	08/05	08/06	02/07	12/08			B		SWPPP	>3
1A740	ED	49	4.5/9.8	Rehab Pavement	09/01	06/03	TBD	11/05	TBD			B		SWPPP	>1
2C360	ED	49	24.0/24.5	Const 2-Way Left Turn Lane	05/01	04/03	04/03	08/03	09/04			ND			
4A960	ED	50	0.0/17.2	Park And Ride Improvements	11/02	07/07	06/10	01/11	08/11			A		SWPPP	30.0

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
43410	ED	50	0.2/1.6	Revise Interchange	05/00	06/00	03/02	02/03	05/05			C		SWPPP	>3
3A710	ED	50	1.0/8.5	Widening For Hov Lanes	04/99	04/02	01/04	10/04	10/06			B		SWPPP	15.0
0C890	ED	50	10.3/10.4	Modify Existing Interchange		08/02	09/02	10/02	04/04			D		SWPPP	7.0
37000	ED	50	14.4/15.8	Revise Interchange	08/00	02/02		10/04	11/06	Eng	Stockton	ND			
37280	ED	50	15.4/17.0	Revise Interchanges	06/01	07/04	12/04	04/05	08/07	Eng	Stockton	ND			
35551	ED	50	16.4/18.3	Operational Improvements	03/96	12/02	06/03	11/03	03/07			D		SWPPP	6.8
1M470	ED	50	17.3/18.3	Resurface Asphalt Concrete	12/99	01/00	01/03	12/03	10/04			ND			
36740	ED	50	21.0/25.5	Const Freeway With Interchange	06/00	11/04	07/06	01/07	04/09			B		SWPPP	98.0
2c770	ED	50	27.9/	Construct Sandhouse	08/01	04/03	06/03	01/04	05/04	Blank	Blank	ND			
0C210	ED	50	17.5/	Hangtown Creek Beautification	12/99	12/02	02/03	11/03	03/07			D		SWPPP	0.6
4C250	ED	89	16.6/16.7	Upgrade Rock Retaining Wall Barrier		01/04	09/04	01/05	11/06			ND			
3C660	ED	193	0.5/	Const Left-Turn Channelization	03/02	11/03	03/04	07/04	03/05			ND			
37360	GLE	32	0.2/0.5	Realign Roadway	11/91	02/01	12/02	10/03	03/05			C		SWPPP	>1
3C090	GLE	32	4.0/6.6	Digouts And Thin Ac Blankets	10/01	10/02	11/02	01/03	09/03			ND			
1A830	GLE	32	4.1/10.8	Ac Overlay	05/99	05/99	04/05	09/05	12/06	Key	Sykes	ND		WPCP	<1AC

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
40230	GLE	32	4.8/5.9	Bridge Replacement (Scour)	05/97	07/99	06/01	05/02	10/05			C	Stony Creek	401/SWP PP	8.7
4A010	GLE	162	76.7/	Mitigate Channel Migration	09/99	12/02	02/03	09/03	01/06			D	Sacramento River	401/SWP PP/303	<5
1A530	NEV	20	0.5/3.5	Curve Improvement And Widening	10/01	01/04	07/05	11/05	11/07		Newton	B	Slacks Revine	SWPPP	25.0
41240	NEV	20	12.2/14.8	Const New Interchg & Aux Lanes	01/99	10/04	04/07	08/07	06/09		Newton	B	Wolf Creek	SWPPP	8.0
3C740	NEV	20	16.0/016.1	Construct A Roundabout		07/03	11/03	02/04	10/04			ND			
2A690	NEV	49	2.2/13.4	Widen To 4 Lns With Cont Left Turn	02/99	09/06	09/08	02/09	01/11			B		SWPPP	>200
3A260	NEV	49	7.3/8.0	Widen Shoulder	11/01	10/03	09/04	01/05	08/05			B		SWPPP	>1
0C170	NEV	49	17.3/17.9	Construct Two Way Left Turn Lane	12/99	12/02	02/03	05/03	05/04			D		SWPPP	>1
3C480	NEV	49	22.5/	Restore Shoulder Choker/Embankment Improve Roadside Drainage	02/02	07/03	11/03	02/04	10/04	Hagen	Sykes	ND	YUBA RIVER	WPCP	<1 AC
1C110	NEV	80	2.5/2.6	Install Intelligent Trans Sys (Its)Traffic Ops Elements (Tos) Include Microwave Veh Det Sys & Cctvs	10/01	01/06	02/07	07/07	01/09			ND			
1c500	NEV	80	59.4/59.5	Install Anti-Icing System	04/01	12/02	11/02	03/03	11/03			ND			

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
0A410	PLA	49	3.2/7.4	Operational Improvements	02/98	05/00	09/03	01/04	11/06			C	N Fork American River	SWPPP	TBD
36771	PLA	49	11.2/ 11.4	Widen To 4 Lns With 2 Way Left Turn	10/97	01/01	10/01	06/02	10/04			C		SWPPP	24.0
2C590	PLA	65	10.6/11.7	Construct New Interchange	11/02	04/03	12/03	02/04	06/05			ND			
33380	PLA	65	12.2/23.8	4-Ln Expwy With Intersections	06/98	08/02	10/04	12/04	11/07			B		SWPPP	400.0
40262	PLA	65	12.6/12.9	Widen To Four Lanes W/Paved Median And Commercial Frontage Imprvmnts	02/98	12/01	01/02	11/02	10/03			ND			
4A730	PLA	65	12.6/13.0	Construct New Bridge		12/01	01/02	11/02	10/03			ND			
0C960	PLA	65	13.0/13.1	Constr New Freeway Interchange	01/02	12/02	11/03	04/04	10/06			ND			
1C690	PLA	65	14.5/14.7	Constr S/B Left-Turn Channelization	11/00	05/02	09/02	02/03	10/03	Lassiter	Taubeneck	ND			
2A880	PLA	65	23.8/24.6	4-Ln Expwy-New Alignment	10/00	06/07	TBD	09/11	TBD			B		SWPPP	>100
2C210	PLA	80	0.0/1.6	Planting/Irrigation Rehabilitation	09/01	03/04	02/05	08/05	05/09			ND			
36780	PLA	80	0.2/4.2	Add Hov Lanes	12/00	01/03	09/03	07/04	06/06			B		SWPPP	>1
37560	PLA	80	1.4/2.6	Widen & Revise Oc,Const New Inter	02/98	09/00	11/02	04/03	03/06			C		SWPPP	>5
34990	PLA	80	7.4/7.5	Reconstruct Interchange	11/99	11/03	04/04	10/04	08/06			B		SWPPP	>5
0A600	PLA	80	14.3/33.3	Rdwy & Bridge Rehab	10/97	10/97	01/01	06/01	07/05			C		SWPPP	13.1

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
1A80U	PLA	80	39.0/54.8	Rehabilitate Existing Highway	11/99	07/01	08/03	04/00	05/05			B		SWPPP	>1
0C690	PLA	80	41.7/41.8	Rehab Rest Area	09/01	10/03	TBD	08/05	TBD			B		SWPPP	>1
1M890	PLA	80	56.0/66.5	Slab Replacement		11/01	07/02	11/02	07/03			ND			
0C770	PLA	80	64.5/69.2	Pvmt Rehab	09/01	07/02	TBD	11/03	TBD			B		SWPPP	<1
35292	PLA	193	0.0/3.3	Landscape Mitigation		09/99	09/00	08/01	06/05			C		SWPPP	2.8
1C580	PLA	193	4.1/	Const Left-Turn Channelization	11/00	08/02	10/03	04/04	11/04			B		SWPPP	>1
41815	PLA	L5722		Relocate Maintenance Station	10/02	07/03	TBD	02/05	TBD			B		SWPPP	<1
1C520	SAC	5	14.8/14.9	Construct New Interchange	12/01	07/03	01/05	01/05	10/07			B		SWPPP	>5
0A910	SAC	5	16.1/26.8	Install Tos Elements	12/99	06/00	10/01	01/03	05/04	Taubeneck	Taubeneck	ND			
0C020	SAC	5	17.2/17.8	Place Rubberized Ogac	07/00	06/02	11/02	02/03	12/03	Singh	Keaton	ND	Sacramento River	WPCP	<1
39780	SAC	5	18.6/24.8	Planting And Irrigation	03/96	05/98	05/98	12/98	04/04			ND			
1A180	SAC	5	21.8/23.8	Widen Sh & Constr Left Turn Lane	09/01	07/03	TBD	01/05	TBD			B		SWPPP	>1
1A181	SAC	5	21.8/23.8	Highway Planting And Irrigation	11/99	02/00		06/01	11/05			ND			
4A040	SAC	5	23.6/	Rehab Superstructure	11/99	11/99	08/02	02/03	10/04			C	Sacramento River	SWPPP/4 01/303	>1
31610	SAC	5	27.1/28.8	Const Interchange, Aux Ln & Meter	08/86	01/02	10/01	06/02	08/04			D		SWPPP	>5

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
42550	SAC	5	30.6/32.8	Construct Interchange	07/99	01/03	06/04	07/04	12/06			B		SWPPP	>5
0A840	SAC	50	0.1/2.6	Grind Pcc Pavement	10/97	10/97	01/04	01/05	03/07	LOTFALI AN	Chaudhary	ND			
3C570	SAC	50	0.1/0.4	Improve Drainage	03/02	01/03	03/03	06/03	03/04			ND			
26600	SAC	50	0.6/1.0	Construct Soundwalls, Widen (Retro)Exit Number Signs	07/00	08/01	12/02	03/03	05/04	Puth	Balan	ND	Sacramento River	WPCP	<1
1C120	SAC	50	0.6/15.8	Ramp Metering	09/01	07/05	02/06	07/06	01/08			ND			
44161	SAC	50	2.1/7.0	Constr Hov Lanes In Both Directions	09/01	01/06	TBD	TBD	TBD			A		SWPPP	>1
3C690	SAC	50	2.2/0.3	Place Ogac Overlay	03/02	04/03	08/03	12/03	10/04			ND			
37080	SAC	50	3.4/3.9	Operational Improvements	02/99	07/01	08/01	04/02	12/03			ND			
37120	SAC	50	5.3/	Expand Oc To 6-Lanes & Modify Ramps	12/00	07/03	01/04	05/04	06/06			ND			
2C470	SAC	50	9.6/10.8	Highway Planting Restoration		07/02	11/02	03/03	01/05			ND			
4416U	SAC	50	12.2/23.1	Reconstruct Existing Interchange		01/99	08/00	11/00	10/05	Ogaz	Stockton	ND			
1C950	SAC	50	22.1/23.1	Construct Interchange	04/02	10/03	06/05	11/05	01/08			ND			
2C420	SAC	51	1.8/2.4	West Conn For Prop Local Rd To Sr51	TBD	05/03	05/04	08/04	03/06			B		SWPPP	>5
1C870	SAC	51	4.1/4.2	Modify Nb On/Off-Ramp & Sb On-Ramp	07/02	07/04	02/05	05/05	10/06			B			<1

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
1A200	SAC	51	4.5/6.0	Replace Planting & Upgrd Irrigation	09/99	08/06	06/07	11/07	06/11			ND			
1A140	SAC	51	6.0/8.3	Replace Planting & Upgrd Irrigation	09/99	07/04	01/05	07/05	01/10			ND			
1C800	SAC	51	6.9/	Widen On-Ramp	01/01	11/02	11/02	01/03	10/03			D			<1
2A860	SAC	51	8.0/8.9	Add Connector Lane	02/99	09/00	03/01	05/01	01/04	Formali	Formali	ND			
1C510	SAC	80	0.0/5.0	Const Aux Truck Parking Facility Srta	09/01	01/06	08/06	01/07	11/07			B		SWPPP	1.5
37970	SAC	80	2.5/9.1	Extend Hov Lanes	10/01	06/06	TBD	TBD	TBD			A		SWPPP	>1
3546U	SAC	80	9.1/17.9	Hov Lns, Upgr Ic, Constr Med Barrier	TBD	09/99	06/01	08/01	01/05			C		SWPPP	60.0
43640	SAC	80	14.1/14.8	Upgrade Interchange	10/97	03/00	11/00	02/01	03/06			ND			
1A340	SAC	99	9.4/10.7	Reconstruct Interchange	12/98	12/03	12/04	05/05	08/06			D		SWPPP	>5
37200	SAC	99	14.7/15.1	Widen Overcrossing And Revise Ramps	04/02	09/04	11/05	07/06	01/09			B		SWPPP	>5
0C000	SAC	99	19.4/19.8	Replacement Planting & Irrigation	09/99	12/01	10/02	02/03	04/07			ND			
39740	SAC	99	20.6/21.3	Replace Freeze Damaged Plants	07/96	06/01	11/01	01/02	02/05			ND			
2A34U	SAC	99	35.4	Wid Wb Apprch & Rephase Exst Signls	02/98	12/00	10/01	01/03	01/04			ND			
3C650	SAC	160	4.2/10.2	Install And Upgrade Mbgr	03/02	06/02	08/02	09/03	09/04	Singh	Keaton	ND	Sacramento River	WPCP	<1

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
43720	SAC	160	5.9/20.9	Constr Cntrl House & Wlkwy, Scour	07/95	06/01	03/04	10/05	07/07			B	Sacramento River	SWPPP/4 01/303	<1
37170	SAC	160	44.5/45.3	Modify Interchange	09/01	11/03	05/04	02/05	08/07			ND			
3C270	SAC	160	45.8/46.3	Install Ramp Metering System	11/01	06/03	08/03	05/04	02/05			ND			
0C970	SAC	275	0.0/0.1	Widen Sidewalks On Tower Bridge	08/00	07/03	10/03	01/04	10/06			ND			
2C840	SAC	L5501		Repair Old Bldg & Const New Bldg	01/02	01/06	10/07	04/08	10/10	Taubeneck	Taubenec k	ND			
3C620	SAC	L5505		Relocate Maintenance Facility		12/02	07/03	10/04	07/05			ND			
2C640	SIE	49	16.8	Rehab Bridge Deck	07/01	10/01	11/02	02/03	10/03			ND			
0A131	SUT	20	17.0/	Remove/Upgrade Rail, Widen SidewalkE/B And W/B	08/01	08/01	02/05	07/05	11/06		Barriga	ND	Feather River	WPCP/30 3	0
3864U	SUT	70	0.2/8.3	Construct 4-Lane Expressway			01/03	08/03	09/06	Frazer	Ogaz	ND			
40660	SUT	99	0.0/1.6	Construct Interchange	07/98	09/02	12/03	04/04	11/05			ND			
1A431	SUT	99	8.7/11.7	Widen To Provide 4 Lane Segment	02/98	04/03	08/03	02/04	11/05			B		SWPPP	42.0
1C320	SUT	99	8.7/14.3	Widen To 4 Lanes	TBD	04/03	TBD	TBD	TBD			A		SWPPP	134.0
1A432	SUT	99	11.7/14.0	Widen To Provide 4 Lane Segment	12/01	08/02	11/06	04/07	05/09			B		SWPPP	45.0
43491	SUT	99	13.9/17.2	Mitigation Planting	03/96	11/99	04/00	09/00	01/04			ND			

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
1A461	SUT	99	16.8/22.7	Widen To 4 Lns; Add Left Turn Lane	11/00	04/03	11/05	07/06	11/08			B		SWPPP	47.0
1A46U	SUT	99	22.6/28.6	Widen To 4 Lns, Cont Left Turn Ln			10/01	05/02	01/05			C		SWPPP	60.0
4A780	SUT	99	27.6/42.3	Widening	11/01	08/07	TBD	01/11	TBD			B		SWPPP	>5
1A160	SUT	99	30.6/32.7	Replace Planting & Upgrd Irrigation	09/01	08/03	06/04	10/04	08/08			ND			
3864U	Sut/ Yub	70	0.2 - 8.3 / 0.0 - 1.0	Const 4-Ln Expwy	TBD	04/03	TBD	TBD	TBD	Brian Frazer	Gilbert Ogaz	B	Sacramento River	SWPPP	395.0
1C660	SUT	113	4.7/5.1	Widen And Restripe	11/00	10/02	12/02	03/03	12/03			ND			
2A050	YOL	16	3.3/26.0	Improve Drainage- Increase Capacity	10/99	11/02	10/02	03/03	07/04			D		SWPPP	>1
0C470	YOL	16	18.1/31.7	Widen Sh & Constr Left Turn Lane	10/01	09/04	01/05	07/06	10/08			B		SWPPP	30.0
1C140	YOL	16	21.0/25.0	Superelevation Improvements		12/02	10/02	01/03	12/03			ND			
37422	YOL	5	3.9/7.3	Constr N/B I5 To S/B 113 Connector	TBD	04/00	04/04	10/04	07/11			B		SWPPP	>1
36930	YOL	5	5.5/	Revise Interchange	06/99	03/04	12/04	01/05	10/06			ND			
38800	YOL	50	0.3/2.0	Widen Oc & Revise E/B Ramps - 6 Lns	05/98	08/01	09/03	08/04	02/07			B		SWPPP	20.0
1A890	YOL	80	0.0/0.4	Rehabilitation Existing Highway	01/00	01/00	03/02	08/02	12/04	Bruton	Chaudhary	ND			
36841	YOL	80	2.6/3.5	Const Park & Ride, Landsc Interchg	03/00	06/01	05/01	09/01	01/06			D		SWPPP	13.3

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
3C210	YOL	80	5.8/7.0	Reconstruct Embankments	11/01	11/02	11/02	01/03	11/03	Villanueva	Elder	ND			
1A930	YOL	80	6.4/11.3	Grind And Ac Overlay	10/99	10/99	09/02	01/03	12/03	Elder	Elder	ND			
3C670	YOL	80	7.0/	Reconstruct Embankments	11/01	06/02	04/02	07/02	12/03	Elder	Elder	ND			
38290	YOL	80	8.9/10.1	Reconstruct Interchange	07/97	12/97	03/00	08/00	08/03			ND			
39590	YOL	80	11.3/11.4	Bridge Rehabilitation	11/99	06/01	09/02	02/03	10/04			D	Sacramento River	SWPPP/401/303	1.6
36850	YOL	84	18.2/21.8	Widen To 4-Lns Bridge Rehabilitation	07/91	06/96	11/01	01/02	01/05			C	Sacramento River	SWPPP	14.5
0C500	YOL	275	13.0/13.1	Replace South Portion Of Pavement	10/01	10/01	03/04	08/04	04/06			ND			
4c010	YOL	L5533	/	Replace Culverts	05/02	09/02	12/02	02/03	11/03	Avila	Wong	ND			
4A510	YUB	49	3.9/8.9	Repair Culvert	09/99	07/02	11/02	01/03	10/03			B	Yuba River	SWPPP	3.0
3C350	YUB	49	5.9/	Widen, Install Sig, Cont Lt Turn Ln	01/02	12/02	12/02	03/03	03/04			ND			
40180	YUB	65	0.7/1.1	Const 2-Ln Expwy & Br On New Align		06/03	10/03	04/04	07/05			ND			
29730	YUB	65	9.2/12.2, 0.0/ 1.7	Const 4-Ln Expwy	04/89	04/04	05/07	08/07	10/10			B		SWPPP	>5
37610	YUB	70	0.6/7.0	Cstr Nb On-R/Sb Off-R/Sb-On Loop/Oc	07/91	11/01	11/01	02/02	02/05			D		SWPPP	95.0
2A272	YUB	70	3.0/3.8	Construct N/B Soundwall	12/99	09/03	06/04	01/05	05/07			D		SWPPP	10.0
0C030	YUB	70	7.5/7.7	Const Exprwy On New Alignment	07/00	04/02	09/02	04/03	04/04	Singh	Keaton	ND	Bear River	WPCP	<1
37230	YUB	70	8.3/25.8		07/99	07/04	01/07	02/08	06/12		Newton	A		SWPPP	2275.0

TABLE 5-3: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	PE	DE	SWMP Category	Water Bodies Affected	Criteria*	Land Disturbance Acreage
4C130	YUB	70	9.4/13.6	Widen Median Shoulder Width	11/02	06/03	10/03	12/03	11/04			ND			
2C550	YUB	70	9.5/11.4	Install Thrie Beam Median Barrier	07/01	04/02	06/02	08/02	09/03			ND			
4A570	YUB	70	19.0/19.6	Const 2-Way Left-Turn Lane, Widen, Add Shoulders	09/01	04/04	12/05	03/06	03/07	Garcia	Montre	ND			
0A290	YUB	L5714		Cnstr Maint. Office, W.House & Equip Buildings	12/99	09/01	02/02	07/02	05/04			D		SWPPP	10.0
0A29U	YUB	L5714		Constr Maint Sta And Mat Lab			12/02	03/03	01/05	Smith	Montre	ND			

(1) SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents not Final

(C) Environmental Documents final

(D) Environmental Documents final, design complete and project in the construction phase of project delivery

(2) CRITERIA

SWPPP greater than 5 acres of land disturbance (1 acre after March 2003)

303d 303(d) listed

401 401 Cert,

SEP Supplemental Environmental Project

Retro Storm Water Retrofit Project (SWMP 4.4.2)

TB Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

LA Lahontan RWQCB specific requirements for areas outside the Lake Tahoe Basin

HR High Risk Area Present

RB RWQCB designated projects posing a threat to water quality

TABLE 5-4: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

DISTRICT 1							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification.				
Maintenance Facility and Activity Inspections							
Maintenance Facilities at Crescent City, Idlewild, and Booneville are scheduled for annual inspections by the District Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
None.							
Maintenance BMP Actions/Modifications							
Sweeper waste disposal - Several disposal sites are used for sweeper waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface. If grindings are transferred to third parties, the RWQCB will be notified and guidance on placement and compaction will be provided.							
Vegetation Management and Vegetated Slope Management							
<p>The District 1 Vegetation Control Plan (VCP) for FY 03/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.</p>							
Vegetated Slope Evaluation: District 1							
County		Route		PM	Inspection Schedule	Remediation Action Planned	
None scheduled this FY in CV Region							

TABLE 5-4: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

DISTRICT 2							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SIS	5	10.5	RSP Channel	Unnamed Trib to Cold Cr.	401	02/03	03/04
Maintenance Facility and Activity Inspections							
All maintenance facilities in the District will be inspected this year. At least 10 maintenance activity inspections will occur in Shasta, Tehama, Plumas, Lassen, Modoc and Siskiyou County portions of the Central Valley RWQCB.							
Maintenance Facility BMP Improvements							
Maintenance facilities at Burney, Chester, Gibson and Hat Creek are scheduled for improvements which include BMPs.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 2 Vegetation Control Plan (VCP) for FY 03/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.</p>							
Vegetated Slope Evaluation: District 2							
County			Route		PM	Inspection Schedule	Remediation Action Planned
SHA			151		0.00/6.92	FY 03/04	TBD TBD
DISTRICT 3							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification.				
Maintenance Facility and Activity Inspections							
10 Maintenance facilities will be inspected this year.							

TABLE 5-4: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Maintenance Facility BMP Improvements
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.
Maintenance BMP Actions/Modifications
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.
Vegetation Management and Vegetated Slope Management
<p>The District 3 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.</p>
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

401 = 401 Certification/Waiver required

TABLE 5-5: GENERAL MANAGEMENT PRACTICES

DISTRICT 1
Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to Maintenance crews during “tailgate” meetings or in formal classes. BMP implementation “tailgate” meetings are conducted every 10 days
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies
DISTRICT 2
Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03
Site-specific monitoring will continue to be conducted at two sites in Tehama County. One site is adjacent to TEH-5 in Red Bluff, the other adjacent to TEH-36, east of Red Bluff near Paynes Creek.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Caltrans will work cooperatively with the Associated General Contractors (AGC) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to crews during “tailgate” meetings or in formal classes. Training on Maintenance storm water issues will be provided to crews during “tailgate” meetings and during maintenance activity inspections. Stenciling will be done for storm drains in Phase 2 MS4 cities
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies

TABLE 5-5: GENERAL MANAGEMENT PRACTICES (Continued)

DISTRICT 3
Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03.
Site-specific monitoring will continue to be conducted at 6 active monitoring sites located in District 3 within Region 5.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **5**

CALTRANS DISTRICT
4

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 4

CENTRAL VALLEY, REGION 5

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 4

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

CENTRAL VALLEY REGIONAL REGION 5
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



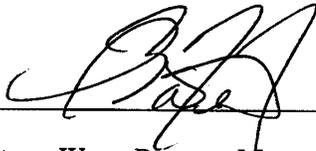
**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 4**

CERTIFICATION

**REGIONAL WORK PLAN
Fiscal Year 2003/2004**

**California Regional Water Quality Control Board
[CVRWQCB] Region 5**

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)]



Storm Water Program Manager

Date: 2/11/03

Department District 4

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 4, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) and include portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

Staff	Title	Phone Number	E-Mail Address
VACANT	Storm Water Program Manager		
Analette Ochoa*	District Storm Water Coordinator	510-286-5885	Analette_Ochoa @dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirley Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Beverly Bueno-Johnson	Public Affairs Coordinator	510-286-6175	Beverly Bueno _ Johnson @dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov

* Analette Ochoa is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the Storm Water Coordinators (Coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, "single point of contact," on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.

- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department's right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.

- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.

- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.

- Develops new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.
- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents except Regional Workplan
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. The District 4 major roads, highways and boundaries within the Regional Water Quality Control Boards are presented on Figure 3-1 and Figure 3-2 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott, Oakland
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	80	2.0	East Bay Paint	Special Crews
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	980	1.25	Oakland	District 4 Office
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	0.1	Scott Creek Road (closed)	Satellite
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583

SECTION THREE

Regional Work Plan

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
MONT	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	17	0.2	San Rafael Paint	Special Crews
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson ST., Napa
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	17	7.1	Los Gatos	Satellite
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	280	3.6	Alemany/Specialty Region	Special Crews
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM	35	10.0	Skylonda (closed)	Satellite
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	116		Shellville	Special Crews, Junct 12/116, Shellville
Vista Points				
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
NAP	29	6.6		Vista Point
SCL	35	14.1		Vista Point
SM	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
SM	280	7.2/7.5	Edgewood & Route 92	Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
Commercial Vehicle Enforcement Facilities				
ALA	580	R9.2	Livermore	EB
ALA	580	R8.9	Livermore	WB
ALA	680	R8.7	Mission Grade	NB
ALA	880	3.7	Nimitz	SB
ALA	880	4.2	Nimitz	NB
CC	680	15.9	Walnut Creek	NB
CC	680	16.0	Walnut Creek	SB

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
MRN	101	14.1	Terra Linda	Northbound (NB)
MRN	101	15.2	St. Vincents	Southbound (SB)
SCL	101	8.8	Gilroy	SB
SOL	80	14.2	Cordelia	Eastbound (EB)
SOL	80	14.4	Cordelia	Westbound (WB)
Roadside Rest Areas				
MRN	101	0.3	Dana Bowers	Northbound 101
SM	280	R13.5	Crystal Springs	Near San Francisco Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
Park and Ride Facilities				
ALA	13	13.4	7 th St. & Folger St.	Near Jct. 80 & Ashby
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
ALA	238	0.7	Mission SJ Park	At High School, Fremont (joint use)
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore
ALA	580	29.2	Castro Valley	SE corner @ Center St. in Castro Valley
ALA	580	30.7	John Drive	John Drive in Castro Valley
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
CC	80	6.6	Richmond Parkway	SW quad of Rte 80/Richmond Pkwy
CC	80	10.7	Willow	Willow Ave IC NW & SE corners
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
CC	680	3.0	Bollinger	SW quad I-680/Bollinger Canyon Road, San Ramon
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	101	20.2	Rowland Blvd	Rowland Blvd in Novato
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa

TABLE 3-1: DISTRICT 4 FACILITIES (Continued)

CO	Route	PM	Name	Comments
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
SOL	12		Suisun City	Main and Florida
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
SON	101	3.6	Lakeville HWY (Rte. 116)	W side of 101 at Route 116, Petaluma
SON	101	12.7	Cotati	SE corner of Route 116 IC
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
CC	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

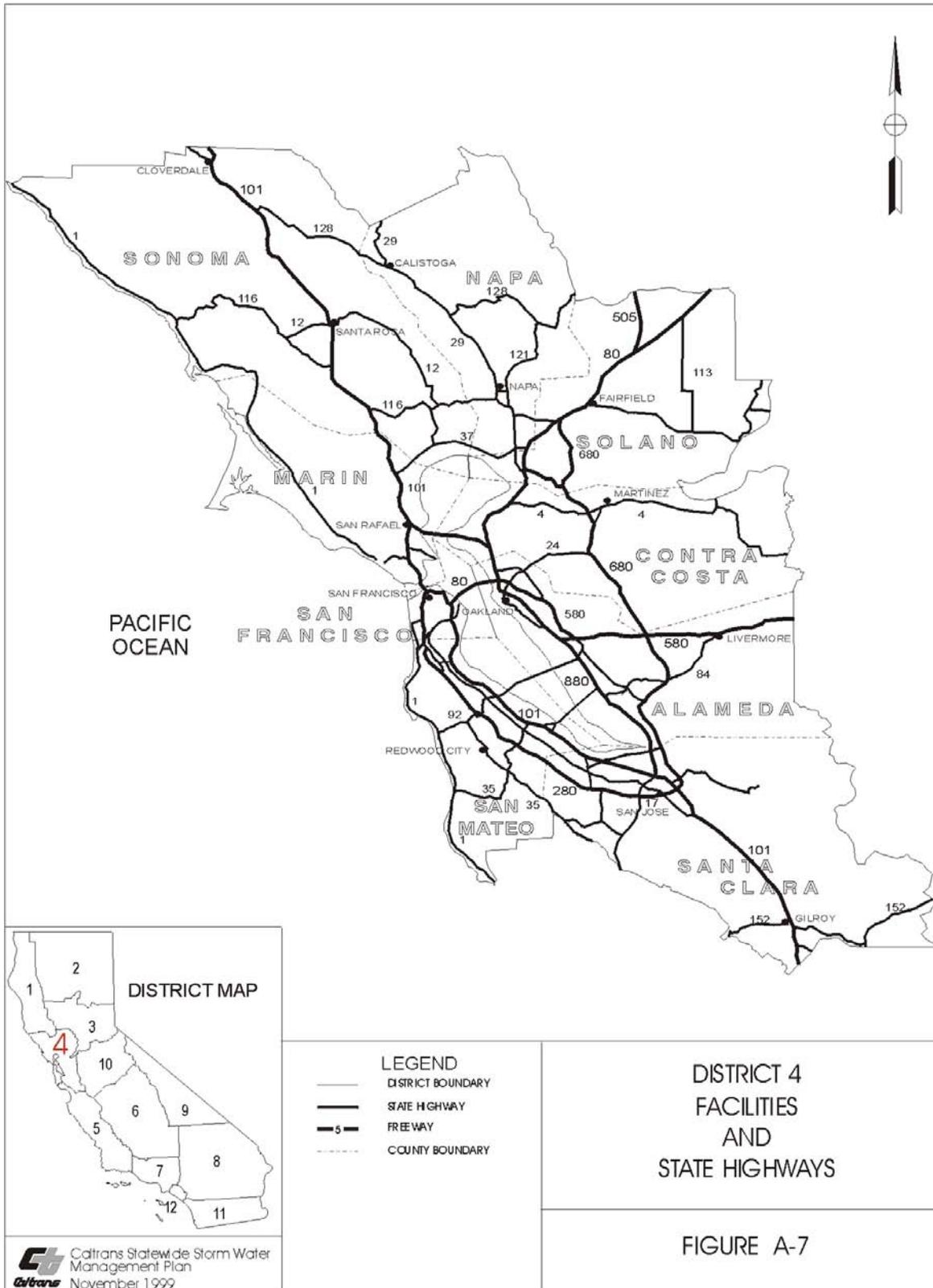


Figure 3-1
District 4 Facilities and State Highways

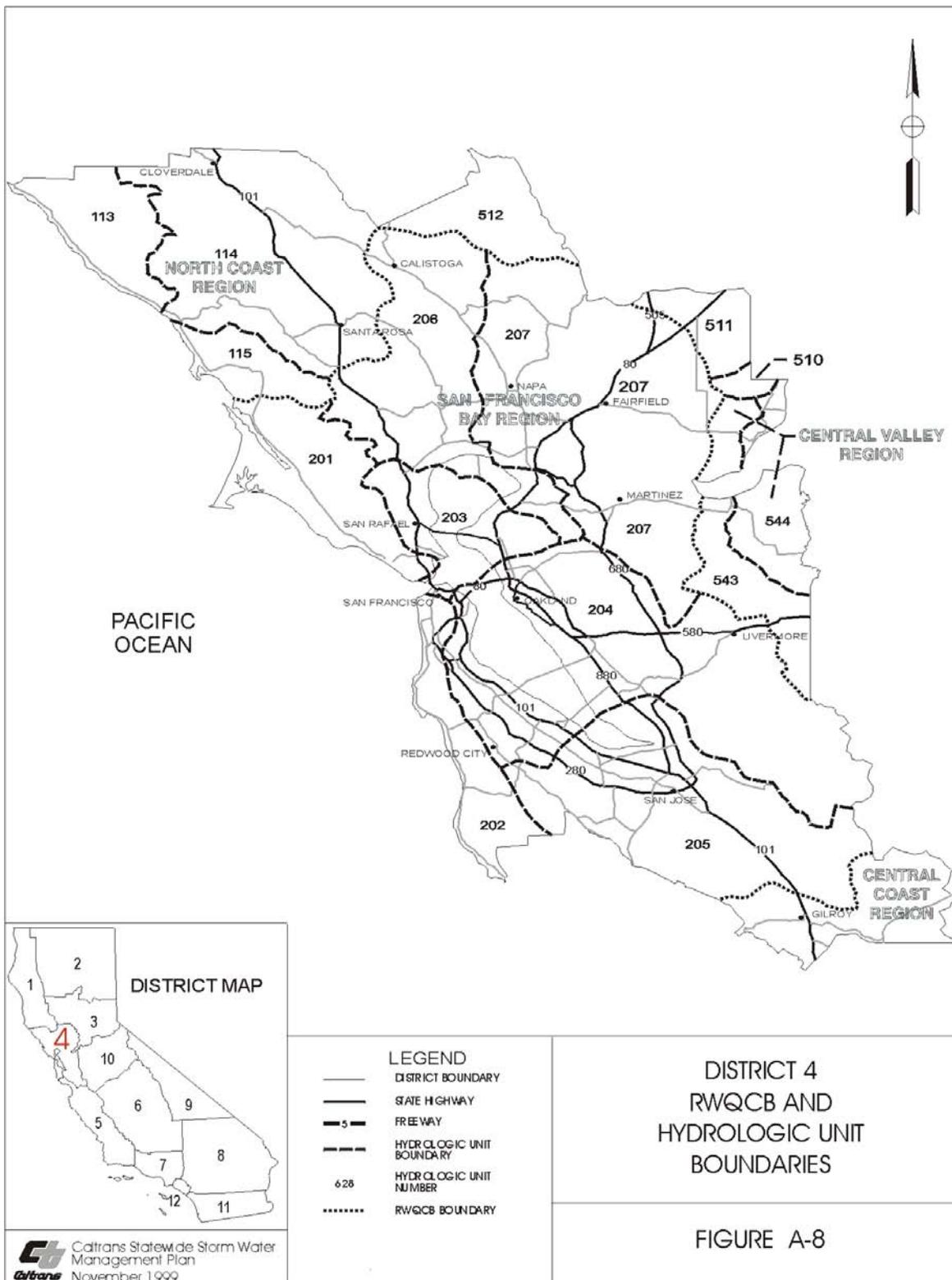


Figure 3-2
District 4 RWQCB and Hydrologic Unit Boundaries

4.0 HIGH RISK AREAS

A list of high-risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo county crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek, which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.

TABLE 4-1: HIGH RISK AREAS (Continued)

Road Segment/ Facility	County	High Risk Area	Description	Comments
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-5)

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Eval.	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	B	22850	CC	4	23	32	Prep MIS, PSR & implementation plan	SWPPP/401	Kirker Creek	2/1/00	3/1/02	4/1/04	1/1/05	1/1/08
2	C	24653	CC	4	35	41	Constr seg 3 of SR 4 BP	SWPPP/401	Marsh Creek, Kellogg Creek		12/13/94	10/1/08	1/1/09	10/1/10
3	D	0T070	SOL	113	12	12	Bridge replacement (scour)	SWPPP/401	Ulatis Creek; Alamo Creek	8/29/95	9/15/98	4/10/00	11/1/00	9/1/02
4	C	0T102	SOL	12	31		Replace round hill creek bridge	SWPPP/401	Roundhill Creek	10/15/99	4/24/00	7/31/01		4/1/03
5	B	0T110	SOL	113	10	20	Structural section repair	SWPPP/401	Alamo Creek, Alamo Creek Canal		10/1/04	8/1/06	5/1/07	11/1/08
6	C	4C020	SOL	113	0	0	Replace bridge (scour)	SWPPP/401	Roundhill Creek	10/30/98	4/13/99	5/18/01		11/1/03
7	D	4C040	SOL	113	12	0	Repair bridge scour	SWPPP/401	Alamo Creek Canal	9/30/99	9/30/99	12/29/00		
8	C	32540	SOL	80	30	31	Modify interchange (100%loc)	SWPPP	Eames Drain; Horse Creek	1/10/85	7/1/99			
9	A	4C080	SOL	80	27	0	Replace bridges (scour)	SWPPP/401	Ulatis Creek	10/1/01	10/1/01			

SECTION FIVE

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (RWQCB-5) (Continued)

No.	SWMP Category*	EA #	Co.	Route	BK PM	AH PM	Description	Criteria	Water Bodies Impacted By Project	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Eval.	Project Dev. (PA&ED)- Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
10	A	44450	SOL	80	27	28	Weave correction	SWPPP/401	Horse Creek and Pine Tree Creek	9/1/01				
11	C	24850	SOL	80	26	27	Scour mitigation, modify gabion			9/1/97	9/1/97			
12	D	44860	SOL	80	27	27	Modify interchanges (100% local)			7/15/94	11/29/95	12/12/95		

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

SECTION FIVE

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities*								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
1	SOL	12	19.1	Clean		401	Spring 2004	Fall 2004
2	SOL	12	19.55	Hand clean		401	Spring 2003	Fall 2003
3	SOL	12	19.7	Clean		401	Spring 2004	Fall 2004
4	SOL	12	19.9	Clean		401	Spring 2004	Fall 2004
5	SOL	12	20.2	Clean		401	Spring 2004	Fall 2004
6	SOL	12	20.5	Clean		401	Spring 2004	Fall 2004
7	SOL	12	20.6	Clean		401	Spring 2004	Fall 2004
8	SOL	12	20.8	Hand clean		401	Spring 2004	Fall 2004
9	SOL	12	21.02	Hand clean		401	Spring 2004	Fall 2004
10	SOL	12	21.2	Hand clean		401	Spring 2004	Fall 2004
11	SOL	12	21.4	Clean		401	Spring 2004	Fall 2004
12	SOL	12	21.6	Clean		401	Spring 2004	Fall 2004
13	SOL	12	21.75	Hand clean		401	Spring 2004	Fall 2004
14	SOL	12	21.95	Clean		401	Spring 2004	Fall 2004
15	SOL	12	22.1	Hand clean		401	Spring 2004	Fall 2004
16	SOL	12	22.2	Clean		401	Spring 2004	Fall 2004
17	SOL	12	22.5	Clean		401	Spring 2004	Fall 2004
18	SOL	12	22.6	Clean		401	Spring 2004	Fall 2004
19	SOL	12	22.9	Hand clean		401	Spring 2004	Fall 2004
20	SOL	12	23.1	Clean		401	Spring 2004	Fall 2004
21	SOL	12	23.3	Sanivac		401	Spring 2003	Fall 2003
22	SOL	12	23.65	Clean		401	Spring 2004	Fall 2004
23	SOL	12	24.1	Clean		401	Spring 2004	Fall 2004
24	SOL	12	24.2	Clean		401	Spring 2004	Fall 2004
25	SOL	12	24.4	Clean		401	Spring 2004	Fall 2004
26	SOL	12	25.1	Clean		401	Spring 2004	Fall 2004
27	SOL	12	25.3	Hand clean		401	Spring 2004	Fall 2004
28	SOL	84	0.13	Sanivac		401	Spring 2003	Fall 2003
29	SOL	84	0.15	Sanivac		401	Spring 2003	Fall 2003

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Significant Roadway Maintenance Activities*								
No	County	Route	PM	Description	Water Bodies Affected	Criteria	Start Date	Completion Date
30	SOL	84	0.18	Clean		401	Spring 2004	Fall 2004
31	SOL	84	0.2	Clean		401	Spring 2004	Fall 2004
32	SOL	84	0.25	Clean		401	Spring 2004	Fall 2004
33	SOL	84	0.5	Hand clean		401	Spring 2004	Fall 2004
34	SOL	84	0.7	Clean		401	Spring 2004	Fall 2004
35	SOL	84	1.15	Clean		401	Spring 2004	Fall 2004
36	SOL	84	1.2	Clean		401	Spring 2004	Fall 2004
37	SOL	84	12.3	Hand clean		401	Spring 2004	Fall 2004
38	SOL	84	12.7	Clean		401	Spring 2004	Fall 2004
39	SOL	160	3	Clean		401	Spring 2004	Fall 2004
40	SOL	220	0.5	Clean		401	Spring 2004	Fall 2004
41	SOL	220	1.4	Under water		401	Spring 2004	Fall 2004
42	SOL	220	2.55	Clean		401	Spring 2004	Fall 2004
43	SOL	220	2.7	Clean		401	Spring 2004	Fall 2004
Maintenance Facility and Activity Inspections								
The District Maintenance Storm Water Coordinator will schedule all Maintenance Facilities within District 4 for annual inspection. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.								
The District Storm Water Coordinator will identify and schedule an inspection of the selected temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.								
Maintenance Facility BMP Improvements								
Inspections described above must be conducted before identifying any improvements.								
Maintenance BMP Actions/Modifications								
Inspections described above must be conducted before identifying any actions or modifications.								

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Vegetation Management and Vegetated Slope Management	
The District 4 Vegetation Control Plan (VCP) goals for FY 2003/04 is the following:	
<ul style="list-style-type: none"> • Develop the 2003/04 Vegetation Control Program and Input the data into the New IMMS (Integrated Maintenance Management System) computer program • Implement the new Vegetation Control Program with the field crews • Continue with the Department's goal of a 50% reduction in the use of Herbicides • Provide Annual Training to all applicators which includes BMP's while applying Pesticides 	

* Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

Criteria

- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Alameda County, San Leandro Maintenance Yard	Maintenance Station Characterization Study
Alameda County, Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP. The Construction Storm Water Coordinator will attend more pre-construction meetings for new jobs going out to construction.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of construction sites associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Project Planning and Design Guide Training, which provides design guidance for incorporating storm water quality controls into projects during the planning and design phases, will be scheduled once a month. Similar events will be planned for outreach to the transportation authorities, other outside agencies, and consultants which commonly plan and design projects for construction within the Department right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2003.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need "refresher" training and any new staff. Training courses that specifically addresses responsibilities of Resident Engineers and inspectors are offered throughout the year. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way. Information regarding training classes is also available for contractors to fulfill the 24 hour training requirement for SWPPP prepares and Contractor's on-site "Water Pollution Control Manager",	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none"> • Standardized Training Modules given at the Supervisors/Superintendents Annual Meeting and forwarded to crew personnel • BMP tailgate meetings with crews every 10 working days • Facility Inspections to verify compliance – review with crew and supervisors • Operational BMP inspections to verify compliance - review with crew and supervisors <p>The District Maintenance Web Site has these Training Modules available as well as a general informational site that is updated quarterly.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees. Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District will work to develop a Storm Water Pollution Prevention Public Outreach Campaign.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Department right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **5**

CALTRANS DISTRICT
6

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 6

CENTRAL VALLEY REGIONAL

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 6

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**CENTRAL VALLEY REGIONAL
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

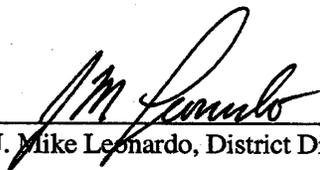


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 6**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Valley Region**

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)]



J. Mike Leonardo, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 6, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Most of the Department’s District 6 falls within the jurisdiction of the Central Valley RWQCB. District 6 is one of four Department Districts that comprise the Department’s Central Region. A Department Central Region Storm Water Organizational Chart is included as Figure 2-1 on page 2-3. Staff responsible for implementing the SWMP within the Central Valley RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Senior Regional NPDES Coordinator	559-243-3565	Marc_Boswell@dot.ca.gov	Primary contact for all storm water issues. Oversees all Central Region Proj. Dev. Div. SW Control employees.
Larsen Boyer	Regional NPDES Coordinator	559-243-3419	Larsen_Boyer@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Darren Cousineau	District 6 NPDES Coordinator	559-243-8007	Darren_Cousineau@dot.ca.gov	Assists in coordination of Storm Water activities within District 6 and other Central Region districts.
Raafat Shehata	Regional Construction SW Coord.	559-243-8691	Raafat_Shehata@dot.ca.gov	Coordinates Storm Water activities within the Central Region Construction Division.
John Haen	District 6 Maintenance SW Coord.	559-488-4071	John_Haen@dot.ca.gov	Field training and oversight; compliance reviews on facilities and activities.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board (SWRCB) or the RWQCBs.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
Senior Regional NPDES Coordinator	All Central Region storm water related documents except Regional Work Plan and Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	Amendments to NOC; SWPPP approval; NOCC
Maintenance Senior Environmental Planner	Maintenance activity reports
Maintenance SW Superintendent	Maintenance activity reports

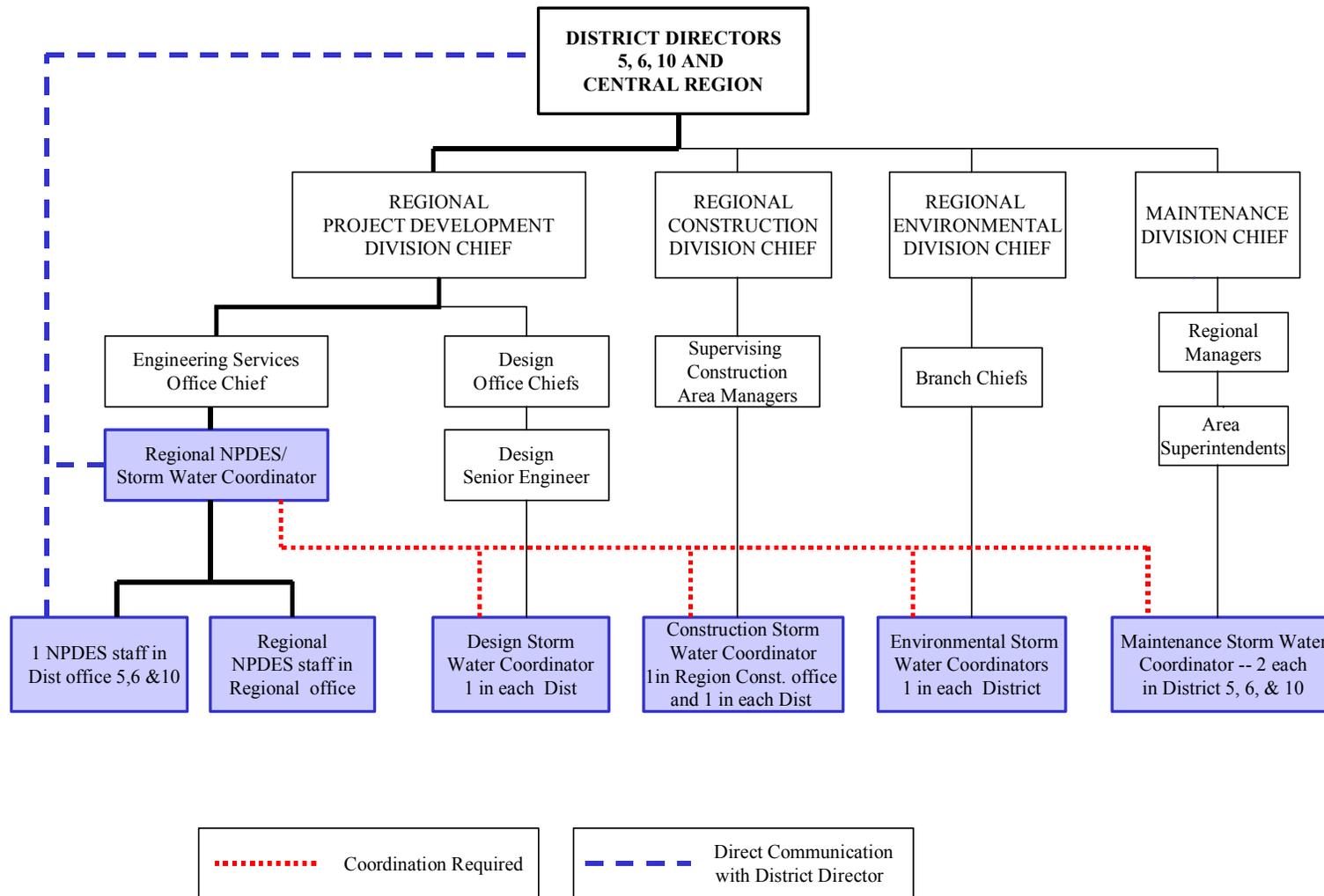


Figure 2-1: Districts 5, 6, 10 and Central Region Storm Water Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. A map showing the District 6 boundaries within the Central Valley RWQCB and major roads and highways is presented in the Department’s *Statewide Storm Water Management Plan*, Appendix A, Figure A-11, page A-36.

TABLE 3-1: DISTRICT 6 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
FRE	99	23.3	Fresno	District 6 Office
FRE	99	23.3	North Region and Pine Avenue	Regional Maintenance
FRE	99	23.3	West Avenue	Special Crews
FRE	33	19.9	Coalinga	Highway Maintenance
FRE	168	45.1	Shaver Lake	Highway Maintenance
FRE	180	24.7	Mendota	Highway Maintenance
KIN	41	18.1	Kettleman City	Highway Maintenance
KIN	198	10.6	Lemoore	Highway Maintenance
MAD	41	28.7	Coarsegold	Highway Maintenance
MAD	145	8.6	Madera	Highway Maintenance
MAD	41	40.7	Big Cedar Springs	Satellite
FRE	168	60.0	Huntington Lake	Satellite
KER	99	27.9	South Region and Bakersfield	Regional Maintenance
KER	99	27.9	Olive Drive Landscape	Landscape Maintenance
KER	99	27.9	Bakersfield	Highway Maintenance
TUL	99	29.7	Tulare	Special Crews
KER	99	54.5	Delano	Highway Maintenance
KER	33	20.5	Taft	Highway Maintenance
KER	46	51.2	Wasco	Highway Maintenance
KER	155	38.4	Glennville	Highway Maintenance
KER	178	41.6	Bodfish	Highway Maintenance
KER	178	68.8	South Fork	Satellite
KER	202	10.5	Tehachapi	Highway Maintenance
TUL	190	16.5	Porterville	Highway Maintenance
TUL	198	10.7	Visalia	Highway Maintenance
TUL	198	28.3	Lemon Cove	Highway Maintenance
FRE	245	3.8	Pinehurst	Highway Maintenance
KER	33	34.3	McKittrick	Satellite
KER	46	30.4	Lost Hill	Satellite
TUL	190	46.9	Pierpoint Springs	Satellite
Vista Points				
FRE	168	36.0	Munger	Vista Point
FRE	180	123	Ten Mile Creek	Vista Point
Commercial Vehicle Enforcement Facilities				
KER	5	11.9	Grapevine	Southbound (SB)
KER	58	81.0	Keene	Eastbound (EB)

SECTION THREE

TABLE 3-1: DISTRICT 6 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Roadside Rest Areas				
KER	5	1.0	Tejon Pass	3.5 mi N of Gorman; NB & SB
KER	5	54.1	Buttonwillow	2 mi N of Route 58 IC; NB & SB
FRE	5	1.1/1.6	Coalinga-Avenal	1.2 mi N of Lassen Ave; NB & SB
TUL	99	22.3	Philip S. Raine	2.5 mi N of Tipton; NB & SB
TUL	99	51.8	C. H. Warlow	At Dodge Ave near Kings River
Park and Ride Facilities				
FRE	168	T31.2	Auberry Road	NE corner Auberry Road/Rt 168
FRE	168	T32.9	Lodge Road	Intersection of Lodge Road & Route 168
KER	58	59.4	Weedpatch NW	NW corner Weedpatch Hwy/Rt 58, Bakersfield
KER	58	59.4	Weedpatch SE	SE corner Weedpatch Hwy/Rt 58, Bakersfield
KER	99	23.9	Stockdale	Rt 58, Stockdale Hwy at Oakdale, Bakersfield
KER	119	2.2	Ford City	1.4 mi N of Taft in Ford City
KER	155	70.8	Lake Isabella	NW corner Rtes 178 & 155
KIN	43	22.1	Hanford	S of 10 th Ave Y
MAD	41	1.5	Old 41	N of Ave 10 on old Rt 41 (N of Fresno)
MAD	41	9.3	Madera County	SW corner Rtes 145 & 41 (E of Madera)
MAD	41	17.9	O'Neals	SE corner Road 200/Rt 41
TUL	198	18.8	Mineral King	SW corner Rtes 65 & 198 (E of Visalia)
Sand and Salt Staging Areas				
FRE	180	108.8	Happy Gap	Sand and Salt Storage
KER	58	90.72	Tehachapi	Sand and Salt Storage
KER	155	22.9	Greenhorn Summit	Sand Storage ²
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

² County owned facility with joint use by Kern County Roads and the Department.

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 6 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and any Department facility, use characteristics of the facility(ies), and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
KER-155 PM 67.7-69.6	Kern	Lake Isabella	Reservoir is municipal water supply source for approximately 200,000 residents in the city of Bakersfield. The road segments are mountain tourist routes, heavily used in the summer, with trucking use being quite rare. Accidental spills are likely to be minor. Alternate municipal water supply sources are available.	No projects are planned for the upcoming year and no additional funding is available at this time.
KER-178 PM 45.8-49.3 & PM 60.7-61.0	Kern	Lake Isabella		

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Section H.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). A legend is provided for Tables 5-1 and 5-2 that identifies abbreviations used for the project criteria.

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	06-45510_	FRE	0	F5942	Friant Road Widening - Widen To Four Lanes - Friant Rd From Copper Avenue To Rd 206		SWPPP	>5	Oct-01	Jan-03	Jan-04	Apr-03	Jun-05
2	B	06-46110_	FRE	5	48.8 / 56	On Rte 5 From Panoche Rd Oc To The Fresno/Merced County Line (Kp 78.5/90.6)	Panoche Creek	303(d) SWPPP	230	Aug-01	May-03	Oct-05	Mar-06	Oct-08
3	D	06-4100U_	FRE	33	16.5/ 17	Los Gatos Scour - Replace Bridge And Traffic Signal - In Fresno County In Coalinga From South Of Cabridge Avenue To 0.3 Km North Of Phelps Avenue	Los Gatos Creek Overflow	401 SWPPP	6	NA	NA	Jun-01	Feb-02	Nov-03

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
4	C	06-38550_	FRE	33	69.5/83	Firebaugh Overlay - Ac Overlay - In And Near Firebaugh From Helm Canal Rd To Merced County Line (Kp 111.8/R133.7)	San Joaquin River	303(d) SWPPP	13	NA	Oct-01	Jan-03	Jun-03	Jan-04
5	D	06-34353_	FRE	33	R62.5/R69.5	Mendota Rehab - Widen Existing Highway - In Fresno County In Mendota And Firebaugh From 0.1 Km South Of Bass Avenue To 0.4 North Of Main Canal Bridge	Main Lift Canal, Main Canal, Outside Canal	401 SWPPP	15	NA	Jun-97	Jun-02	Oct-02	Oct-03
6	B	06-44240_	FRE	41	0/ 7.1	Excelsior Expressway - 2-Ln Exprwy To 4-Ln Exprwy - Kings Co To Elkhorn 2-Lane Exprwy To 4-Ln Exprwy (Kp 0.0/11.43)	Kings River, Murphy Slough	401, 303(d) SWPPP	180	Jul-01	Jan-05	Jul-07	Jan-08	Jul-10

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
7	C	06-43180_	FRE	41	R22.5/R26.2	Fresno 41 Landscape Rehab - Highway Planting Restoration - In Fresno Co In Fresno On Rte 41 From Broadway Ave Uc To Princeton Ave Uc And On Rte 180 From Belmont Ave Uc To First Street Uc (Kp R36.2/R42.2) (Kp R92.7/R95.0)		SWPPP	20	Sep-99	Oct-02	Dec-03	Mar-04	Jan-08
8	B	06-44770_	FRE	41	R29.5/R30.5	Herndon Auxiliary Lane - Construct Nb Auxiliary Lane. - Nb Rte 41 Between Bullard Avenue And Herndon Ave And Nb Herndon Off-Ramp. (Kp R47.5/R49.1)		SWPPP	8	Sep-00	Feb-05	Jan-07	May-07	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
9	C	06-41960_	FRE	41	R30.4/R31.8	Friant Auxiliary Lane - Construct Auxiliary Lane And Widen N/B Off Ramp - In Fresno From Herndon Ave Uc To 0.1 Km North Of Friant Road Uc (Kp R48.9/R51.1)		SWPPP	17.5	Jul-00	Jan-02	Aug-03	Feb-04	Jan-06
10	B	06-45130_	FRE	43	0/ 9.3	Highland Avenue 4 Lane - 2c To 4 Ln Divided Highway - From Kin Co Line To 99 Jct (Kp 0.0/14.9)	Cole Slough	401 SWPPP	273	Jan-01	Oct-03	Jul-05	Dec-05	Jul-08
11	D	06-35070_	FRE	99	R1/R7.1	Kingsburg To Selma 6-Lane - 4f To 6f - In And Near Selma From Rte 99/201 Separation To 1.0 Km N Of Floral Ave Oc (Kp R1.6/11.4)		SWPPP	45	May-00	May-00	Nov-02	Jul-03	Jul-06
12	D	06-41180_	FRE	99	R3.7/R5.4	Fresno Barrier - Construct Thrie Beam Median Barrier - In Fresno County At Various Locations	Mill Ditch, San Jaquin River	SWPPP	10	NA	Dec-99	Mar-01	Aug-01	Oct-03

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
13	D	06-33660_	FRE	99	18/20.2	Sb Auxiliary Ln - Construct Auxiliary Lane - In Fresno County In Fresno From 1.0 Km South Of Jensen Avenue Undercrossing To 0.2 Km South Of Vetura Street Overcrossing		SWPPP	5	Aug-99	Aug-99	Apr-01	Oct-01	Jul-03
14	D	06-40410_	FRE	99	19.8/24.2	Fresno Planting 2 - Planting And Irrigation - In Fresno County In Fresno From California Avenue Overcrossing To North Fresno Undercrossing		SWPPP	15	Dec-99	Dec-99	Oct-00	Jun-01	Jul-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
15	B	06-46280_	FRE	99	21.4/22.4	99/180 Plant Restore - Highway Planting And Restoration - On Rte 99 From 21.4 To 22.4 And Rte 180 From R56.5 To R58.4 (Kp 34.4/36.0)(R/90.9/R94.0)		SWPPP	57	Sep-01	Oct-03	Jul-05	Nov-05	Nov-08
16	D	06-45320_	FRE	99	24.2/43.8	Central Fresno Landscape - Planting And Irrigation - In Fresno From Mckinley Ave Uc To Biola Jct Oh (Kp 38.1/43.7)		SWPPP	17	May-01	Mar-01	Jan-02	Jun-02	Apr-06
17	B	06-44260_	FRE	99	25.6/31.6	Island Park Six Lane - Widen 4-Lane Fwy To 6-Lane Fwy - Ashlan Avenue To 1.0 Km N Of Ave 7 In Madera Co. (Kp Fre42.7/50.9)(Kp Mad 0.0/2.7)	San Joaquin River	401, 303(D) SWPPP	30	Jun-01	Oct-07	Feb-10	Jun-10	Aug-12

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
18	B	06-44270_	FRE	99	27.3/28.3	Shaw Avenue Interchange - Reconstruct Interchange - In Fresno At Shaw Avenue Reconstruct Interchange (Kp 43.9/45.5)		SWPPP	15	Jan-01	Oct-04	Sep-07	Feb-08	Dec-10
19	B	06-45140_	FRE	180	R9/R2 3.4	Westside Expressway - Rte Adoption Study For A New Roadway Segment - From I-5 To Rte 33 Near Mendota (Kp 14.4/36.6)		401 SWPPP	930	Jan-01	Oct-04	Jul-06	Na	Na
20	B	06-42050_	FRE	180	24.6/27.3	Mendota East Rehab - Ac Overlay And Widen Shoulders 40' - Near Mendota From Belmont Ave To Whitesbridge San Joaquin Valley Railroad Crossing (Kp 39.6/43.9)	Fresno Slough	401 SWPPP	30	Aug-99	Jul-03	Feb-06	Jul-06	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	06-34323_	FRE	180	27.3/31.4	4 Mi Slough Rehab - Widen Existing Highway - In Fresno County Near Mendota From Union Pacific Railroad Crossing To Four Mile Slough Bridge	Four Mile Slough	SWPPP	10	Na	Feb-99	Oct-00	May-01	Oct-02
22	D	06-34324_	FRE	180	31.4/36.6	Golf Course Rehab - Asphalt Concrete Overlay - In Fresno County Near Mendota From Four Mile Slough Bridge To Yuba Avenue	Four Mile Slough	SWPPP	10	Dec-99	Aug-99	Jun-01	Oct-01	Jul-03

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
23	B	06-34233_	FRE	180	53.6/55.4	Fresno 180 West Expressway - Segment 2 - 2e To 4e On New Alignment ""Fresno 180 West Expressway"" - In And Near Fresno From Brawley Ave To Hughes/West Ave Start From Pa&Ed (Kp 85.8/R89.1)		SWPPP	>5	Na	Mar-02	Jul-06	Dec-06	Dec-09
24	D	06-34234_	FRE	180	R55.4/R56.6	Roeding Park Landscape - Highway Planting - From Hughes/West Diagonal To 0.6 Km E Of Rte 99 (Kp R89.1/R91.0)		SWPPP	29.1	Na	Jul-03	Jan-04	Jun-04	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
25	D	06-3423 2_	FRE	180	R55.4/ R56.6	Fresno 180 West Freeway Segment 1 - Construct Freeway - In City Of Fresno From Hughes/West Diagonal To 0.6 Km East Of Rte 99 (Kp 89.1/91.1)		SWPPP	>5	Na	Jul-99	Jun-01	Oct-01	Jul-04
26	B	06-3424 4_	FRE	180	R60.3/ R63.1	Sunnyside Landscape - Highway Planting (Mitigation) - In And Near Fresno From Rte 168 To Clovis Ave (Kp R97.1/R103.1)		SWPPP	66.7	Na	Mar-04	Jul-05	Oct-05	Oct-09
27	D	06-3424 2_	FRE	180	R60.3/ R64	Fresno 180 East Freeway - "4f On New 8f R/W Alignment, Construct Freeway" - In Fresno County In And Near Fresno From Route 168 To Fowler Avenue		SWPPP	>5	Na	Jan-99	Feb-02	Aug-02	Jul-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
28	C	06-34243_	FRE	180	R62.8/R66.3	Sequoia Freeway-Segment 3 - "4e On New 6f R/W Alignment, 6fwy On New 8fwy R/W Align, Clovis" To Fowler--4fwy On New 6fwy R/W - In And Near Fresno From Clovis Ave "To 0.8 Km E Of Temperance Ave, To Temperance Ave. Start From" "(Kp R101.2/R106.8), Pa&Ed (Kp R101.2 To R106.8)"	Fancher Creek, Briggs Canal	401 SWPPP	130	Aug-92	Dec-95	Feb-04	Jul-04	Jul-07
29	B	06-34251_	FRE	180	R65.6/R71.6	Kings Canyon Expressway Segment 1 - 2c To 4e On Existing Alignment - Near Centerville From Temperance Ave To Academy Ave Start From Pa&Ed (Kp R105.0/R114.6)		SWPPP	100	Apr-96	Apr-96	Jan-05	May-05	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
30	B	06-3425 2_	FRE	180	R71.6/ R75	Kings Canyon Expressway Segment 2 - "2c To 2e On Existing Alignment, 2c To 4e On Existing Alignment" - Near Centerville From Academy Ave To Trimmer Springs Rd Start From Pa&Ed (Kp R114.6/R120.0)		SWPPP	100	Apr-96	Apr-96	Jul-05	Nov-05	Nov-08
31	B	06-3425 3_	FRE	180	R75/R 78.2	Kings Canyon Expressway Segment 3 - "2c To 2e On New Alignment, R/W Hardship" - Near Centerville And Minkler From Trimmer Springs Rd To Frankwood Ave Start From Pa&Ed (Kp R120.0/R125.1)	Collins Creek, Kings River, Byrd Slough	401, 303(D) SWPPP	100	Apr-96	Apr-96	Jan-06	Apr-06	Jul-09

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
32	B	06-46640_	FRE	180	124.4/	Kings Canyon Park Undermining - Road Undermining - Near Kings Canyon National Park At Various Locations From 23.7 Km E Of Tulare County Line To 13.7 Km West Of Cedar Grove (Kp 200.9/209.0)	Kings River, Jackass Creek, Tenmile Creek	401 SWPPP	2	May-01	Jul-01	Na	Na	Na
33	C	06-39810_	FRE	269	0/12.7	Huron li Overlay - "Ac Overlay & Widening, Also" Improving Intersections On Rte 269 - In And Near Huron From Kings County Line To Rte 198 (Kp 0.0/20.5)	Arroyo Pasajero	401 SWPPP	66	Oct-98	Aug-99	Jan-03	Jul-03	Oct-04

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
34	A	06-46070_	KER	5	4.6/10.4	Grapevine Rehab - Panel Replacement & Shoulder Work - Between 0.2 Km Of The Grapevine Creek Bridge To 0.4 Km North Of The Grapevine Undercrossing (Kp 7.4/16.7)		SWPPP	12	Aug-01	Oct-06	Feb-08	Jun-08	Nov-09
35	D	06-39760_	KER	33	6.4/12.1	Maricopa Rehab - Ac Overlay And Widen - In And Near Maricopa From 1.4 Km S Of Klipstein Canyon Rd To North City Limits Of Maricopa (Kp 10.3/19.5)	Devils Gulch	401 SWPPP	20	Aug-99	May-02	May-02	Mar-03	Feb-04
36	C	06-38290_	KER	41	0/ 5	Cottonwood Canyon - Ac Overlay And Widen - Near Cholame From San Luis Obispo County Line To Kings County Line (Kp 0.0/8.1)	Cottonwood Creek	401 SWPPP	5	Jun-01	Jun-02	Jul-03	Jan-04	Jul-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
37	B	06-42120_	KER	43	.1/9.2	Kern River Rehab - Ac Overlay And Widen Shoulders - Near Bakersfield From Rte 119 To West Jct Rte 58 (Kp 0.2/14.7)	Kern River, Goose Lake Slough, Pioneer Canal, Cross Valley Canal	401 SWPPP	90	Aug-99	Jul-03	Jul-05	Nov-05	Jul-07
38	B	06-35341_	KER	46	0/7.3	Rte 46 Expressway Conversion - 2-Lane Conv To 4-Lane Exprwy - Near Blackwells Corner From San Luis Obispo Co Line To Keck's Road Pa&Ed Only (Kp 0.0/11.7)		SWPPP	159	Feb-99	Oct-03	Dec-05	Aug-06	Oct-09

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
39	B	06-44250_	KER	46	7.3/33.5	Kecks Rd 4-Lane - 2-Ln Conventional To 4-Ln Conventional Exprwy - Kecks Rd And State Route 46 (Kp11.7/53.9)	Bitter Creeek, Sweet Creeek, California Aqueduct, Main Flood Canal, West Side Canal	401 SWPPP	450	Mar-00	Oct-03	Dec-06	Jul-07	Oct-11
40	C	06-33830_	KER	46	32.8/37.2	Kurt Road Rehab - Ac Overlay And Widen - On Sr 46 From I-5 To West Of Kurt Rd (Kp 52.9/60.4)		SWPPP	30	Na	Jul-03	Dec-05	Apr-06	Jul-07
41	B	06-41880_	KER	46	46/51.2	Wasco 4-Lane - Widen To 4-Lane - Near Wasco From 1.6 Km W Of Schofield Ave To Rte 43 (Kp 74.0/82.4)		SWPPP	52	Jun-00	Oct-05	Jan-09	May-09	Jul-11

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
42	D	06-47980_	KER	58	39.6/46.1	Allen Road Resurface - Resurface Pavement With A Layer Of Rubberized Asphalt Concrete - In Ker Co West Of Bakersfield From 0.3 Mi W Of Rte 43 To Allen Rd (Kp 63.7/74.2)		SWPPP	13	May-03	May-03	Jun-03	Oct-03	Feb-04
43	D	06-39720_	KER	58	46/51.6	Allen Overlay - Ac Overlay - In Bakersfield From 0.2 Km W Of Allen Rd To 0.3 Km W Of Rte 99 (Kp 74.0/83.0)	Calloway Canal	SWPPP	20	Aug-99	Aug-99	Feb-02	Oct-02	Feb-04
44	D	06-40390_	KER	58	R52.4/R55.7	South Bakersfield Planting - Irrigation And Planting Upgrade - In Kern County In Bakersfield From Real Road To 0.5 Km East Of Cottonwood Road Undercrossing		SWPPP	10	Oct-00	Oct-00	Sep-01	Jun-02	Jun-06

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
45	B	06-46360_	KER	58	67/77.3	Caliente Rehab - "Cold Planing, Replace Pcc," Ac Overlay - On Rte 58 In Kern Co 0.3 Miles West Of Caliente Creek Bridge To Bear Mountain Ranch Kp 107.8/124.3)	Caliente Creek	SWPPP	5	Aug-01	Jan-05	Jan-06	Jun-06	Oct-07
46	B	06-42550_	KER	58	R92.1/R93.2	Dennison Road Improvements - Widen Structure And Add Ramps - In Tehachapi At Dennison Rd (Kp R148.3/R150.0)	Tehachapi Creek	SWPPP	8	Jan-00	Oct-03	Sep-05	Apr-06	Jul-08
47	D	06-35391_	KER	65	8.1/8.5	Poso Creek Mitigation - Highway Planting - In Kern County Near Bakersfield From 0.3 Km South To 0.3 Km North Of Poso Creek Bridge	Poso Creek	SWPPP	5	Na	Sep-00	Dec-00	Sep-01	Jan-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
48	B	06-45120_	KER	65	R0/R2 5.2	Foothill Expressway - South - Construct Passing Lanes And Intersection Improvement- Conduct Es - From Rte 99 To The Tulare County Line (Kp Ro.0/40.5)		SWPPP	6	Jul-01	Oct-04	Jul-05	Nov-05	Jul-07
49	D	06-46320_	KER	99	21.5/24.7	Planz Road Planting - Highway Planting Restoration - In Kern County In And Near Bakersfield From Planz Road Overcrossing To 0.1 Km North Of California Avenue Overcrossing		SWPPP	25	Jun-01	Jun-01	Jun-01	Dec-01	Nov-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
50	B	06-45160_	KER	99	24.7/27.1	Planz Road Irrigation - Irrigation Upgrade And Hwy Planting Restoration. - From Santa Fe Railroad Oc To Rte 204/99 Separation (Kp 39.7/43.6)	Kern River	SWPPP	27	Na	Apr-03	Aug-04	Feb-05	Dec-08
51	B	06-43350_	KER	99	R30.5/R31.1	7th Standard Road Widening - Modify Interchange - Near Bakersfield 5.8 Km No Of Bkfd At 7th Standard Rd Interchange (Kp 49.1/50.0)		SWPPP		Feb-00	Nov-02	Feb-05	Jun-05	Oct-07
52	D	06-43000_	KER	99	R43.5/	Famoso Deck Rehab - Bridge Deck Rehab - Near Mc Farland At Famoso Oh (Kp R69.8)		SWPPP	8	Na	Aug-99	Dec-02	Mar-03	Jul-04

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
53	D	06-43150_	KER	99	49.1/57.6	Mc Farland-Delano Landscape Rehab - Irrigation Upgrade And Replacement Planting - In Mc Farland From 0.3 Km S Of Sherwood Ave To 0.2 Km N Of Elmo Hwy And In Delano From 0.3 Km S Of Woolomes Ave To County Line Rd (Kp 79.0/92.7)		SWPPP	40	Dec-00	Dec-00	Jul-02	Mar-03	Sep-06
54	B	06-42470_	KER	119	5.8/13.1	Cherry Avenue 4-Lane - Widen From 2-Lane Conv To 4-Lane Expressway - Near Taft From Cherry Ave To Tupman Rd (Kp 8.9/21.4)	Buena Vista Creek, Lake view Wash Creek	401 SWPPP	300	Feb-99	Feb-07	Jan-10	Jun-10	Jul-12

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
55	D	06-47370_	KER	155	44/51.9	Fulton_Sierra Ranger Station Dgac Overlay - 30 Mm Dgac Overlay - From 3.4 Km E/Of Fulton-Sierra Ranger Station To 1.7 Km W/Of Rancheria Rd (Kp 70.8/83.5)		SWPPP	10	May-02	May-02	Jun-03	Oct-03	Feb-04
56	B	06-32210_	KER	166	9/24.6	Old River Rd Overlay - Ac Overlay And Widen Shoulders - Near Maricopa From 5.6 Km W Of San Emigdio Creek To Rte 99 (Kp 14.5/39.6)	Bitter Creeek, Sweet Creek, Santiago Creek, California Aqueduct, Tecuya Creek	SWPPP	75	Aug-99	Oct-03	Oct-05	Mar-06	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
57	D	06-40400_	KER	178	1.7/6.7	Bakersfield Landscape - Irrigation And Planting Upgrade - In Kern County In And Near Bakersfield From M Street To 0.4 Km West Of Fair Fax Road		SWPPP	12	Jan-00	Jan-00	Nov-01	Jun-02	Aug-05
58	B	06-39520_	KER	178	R6.1/R7.5	Fairfax Interchange - Construct Interchange - In Bakersfield From 1.2 Km W To 1.2 Km E Of Fairfax Rd (Kp 9.8/12.1)		SWPPP	30	Nov-00	Jan-03	Mar-03	Aug-03	Oct-05
59	B	06-42230_	KER	178	R6.3/R13.4	Comanche Rehab - Ac Overlay/Widening - Near Bakersfield From 0.8 Km W Of Fairfax Rd To Mouth Of The Canyon (Kp R10.1/21.6)		SWPPP	13	Aug-99	Oct-03	Mar-05	Sep-05	Jul-07

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
60	A	06-42240_	KER	178	45.5/47.7	Lake Isabella Rehab - Ac Overlay And Widen To 32' - "100 Meters W/Of Lake Isabella Blvd," Launching Area No. 16 Intersection (Kp 73.2/76.8)		SWPPP	10	Sep-00	Jan-06	May-10	May-08	Jul-09
61	B	06-39710_	KER	178	52.6/57	Kelso Overlay - Ac Overlay And Widen Shoulders - Near Lake Isabella From Entrada Blvd To Kelso Valley Rd (Kp 84.6/91.7)		SWPPP	10	Aug-99	Aug-04	Mar-07	Sep-07	Nov-08
62	B	06-41470_	KER	178	72.8/73.1	Walker Pass Drainage - Raise Grade And Construct A Water Cutoff Wall - Near Walker Pass From 3.4 Km W To 3.9 Km W Of Chimney Creek Rd (Kp 117.2/117.6)	Chimney Creek	401 SWPPP	>5	Na	Na	Jan-04	Aug-04	Jun-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
63	B	06-42480_	KER	184	L0/L4.1	Weedpatch 4-Lane - Widen From 2c To 4c - In Lamont From Rte 223 To 0.8 Km S Of Panama Lane Pa&Ed Only (Kp L0.0/6.5)		SWPPP	50	Na	Oct-04	Jan-09	Jul-09	Jul-12
64	A	06-46310_	KER	204	5.8/6.7	Buck Owens Planting Rehab - Highway Planting Restoration - "City Of Bakersfield, From Kern" River Br. To Rte 99/204 Separation (Kp 9.0/10.9)		SWPPP	27	Aug-01	Apr-06	Jun-07	Mar-08	Jan-12

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
65	B	06-46870_	KIN	5	0/	I-5 Rest Area Projects - Three New Safety Roadside Rest Area - In Kings Co Near The Kern/Kings Co Line. In Fresno Co Near Kamm Ave Oc And In Merced Co Near The I-5/140 "Separation (Kin-5 0.0, Fre-5 61.5," Mer-5 52.1)		SWPPP	>5	Na	Oct-03	Aug-04	Apr-05	Dec-07
66	B	06-43050_	KIN	33	0/ 7.8	Devil's Den Rehab - Ac Overlay And Widen Shoulders - From Kern County Line To Rte 41 (Kp 0.0/12.6)	Avenal Creek	401 SWPPP	82	Sep-99	Oct-03	Oct-05	Mar-06	Oct-07

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
67	B	06-3215 0_	KIN	41	0/ 4.2	Avenal Creek Grade Raise - Raise Grade On New Alignment - Near Kettleman City From Kern County Line To 0.8 Km N Of Avenal Creek Br# 45-36 (Kp 0.0/6.8) Start From Pa&Ed	Avenal Creek	SWPPP	5+	Jul-91	Jun-02	Jul-05	Jan-06	Jul-08
68	D	06-3938 0_	KIN	41	4.2 / 7.3	Ac Overlay And Widen Near Kettleman City From 0.8 Km North Of Avenal Creek Br# 45-36 To 1.3 Km South Of Rte 33 (Kp 6.8/11.7) Start From Pa&Ed	Avenal Creek	SWPPP	66	Aug-97	Jun-01	Aug-02	Jan-03	Aug-04

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
69	D	06-3215 U_	KIN	41	4.2/11.5	Utica Grade Raise And Overlay - RAISE GRADE ON NEW ALIGNMENT - ON RTE 41 FROM 0.8 KM N OF AVENAL CREEK BRIDGE BR# 45-36 TO 0.2 KM S UTICA AVE AND ON RTE 33 FROM 1.1 KM S TO 0.5 KM N OF RTE 41 (KP 6.7/18.5) (KP 11.4/13.0)		SWPPP	42	Sep-97	Jun-01	Oct-02	Apr-03	Oct-04
70	D	06-3215 1_	KIN	41	7.3/11.5	Raise Grade On New Alignment On Rte 41 From 1.3 Km South Of Rte 33 To Utica Ave And On Rte 33 From 1.4 Km South To 0.5 Km North Of Rte 41 (Kp 11.7/18.5) (Kp 11.1/13.0) Start From Pa&Ed		SWPPP	120	Aug-01	Aug-01	Mar-03	Sep-03	May-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
71	B	06-41590_	KIN	41	11.5/20.1	Kettleman City Rehab - Ac Overlay And Widen Shoulder - Near Kettleman City From Utica Ave To Quail Ave (Kp18.5/32.3)	California Auueduct	SWPPP	50	Aug-99	Jan-05	Jan-06	May-07	Oct-08
72	D	06-33960_	KIN	41	19.8/28.5	Kettleman City North Overlay - Asphalt Concrete Overlay - In Kings County Near Kettleman City From Quail Avenue To Nevada Avenue	Blakely Canal	SWPPP	106.3	Jul-93	Sep-99	Feb-02	Jun-02	Aug-03
73	C	06-36460_	KIN	41	28.4/33	Stratford Rehab - Ac Overlay And Widen Shoulders - "Near Stratford, From Nevada Ave To" Laurel Ave (22nd Ave) (Kp 45.7/52.8)	Kings River	401, 303(D) SWPPP	29	Mar-01	Mar-01	Jan-06	May-06	Oct-07

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
74	B	06-41600_	KIN	41	R42.1/R44.7	Hanford/Armona Rehab - Rehab Roadway And Widen Shoulders - Near Lemoore From Hanford/Armona Rd To 0.8 Km N Of Grangeville Blvd (Kp R67.8/R71.9)		401 SWPPP	45	Oct-99	Apr-04	Oct-06	May-07	Jul-08
75	C	06-32550_	KIN	198	8.6/9.7	19th Ave Interchange - Construct Interchange - Near Lemoore At 19th Ave (Kp 13.8/R15.6)		SWPPP	10	Na	Jul-03	Mar-05	Oct-05	Dec-06
76	D	06-40370_	KIN	198	R16.7/R20.9	Hanford Planting Rehab - Highway Planting And Irrigation - In Kings County In Hanford From 0.3 Km West Of 12th Avenue Overcrossing To Route 43 And 198 Separation		SWPPP	9	Sep-00	Sep-00	Jul-01	May-02	Sep-04

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
77	B	06-3568 U_	KIN	198	T21.5/ T28.3	Hanford Expressway - 2c To 4e On North Side - Near Hanford From 0.8 Km E Of Rte 43 To 0.6 Km W Of Rte 99 Near Visalia (Kp T34.6/45.5) (Kp 0.0/R5.3)	W. Settler Ditch, E. Settler Ditch, Melga Canal, Lake side Ditch, Cross Creek, Highline Canal	401 SWPPP	300	Mar-97	Oct-02	Dec-04	Aug-05	Oct-08
78	A	06-4490 0_	MA D	41	20.9/ 35.3	Yosemite Springs Capm - Cap-M - "On Rte 41 In Madera Co, 0.88 Km" N/Of Yosemite Springs Park To Fresno River Bridge (Kp 33.6/56.8)		SWPPP	10	Sep-00	Oct-05	Jul-07	Mar-07	Sep-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
79	D	06-4620 0_	MA D	99	R7.3/ R9.6	South Madera 99 Rehab - Asphalt Concrete Overlay - In Madera County Near Madera From Avenue 12 Overcrossing To Gateway Drive Overcrossing		SWPPP	26	Aug-01	May-02	Jul-02	Oct-02	Oct-04
80	D	06-4072 0_	MA D	99	8.9/ 10.4	Gateway Interchange - Modify Interchanges - In Madera From 1.0 Km S Of Gateway Dr Off-Ramp To 1.0 Km N Of South Madera Oc (Kp 14.4/16.7)		SWPPP	>5	Na	Dec-02	Dec-02	Jun-03	Jun-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
81	D	06-4036 U_	MA D	99	9.9/12.5	Cleveland Ave Planting - Irrigation And Planting Upgrade - In Madera County In And Near Madera From 0.5 Km South Of Route 145/99 Separation To 0.6 Km North Of Cleveland Avenue Overcrossing		SWPPP	19	Na	Na	Na	Jan-00	Jan-04
82	D	06-3970 0_	MA D	99	13/23	North Madera Rehab - Asphalt Concrete Overlay - In Madera County Near Madera From 0.4 Km North Of Avenue 16 Overcrossing To Califa Underpass	Dry Creek, Berenda Creek	SWPPP	43	Oct-97	Oct-97	Feb-02	May-02	Nov-03

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
83	B	06-29330_	MA D	99	19.6/22.6	Fairmead Interchange - 4e To 6f With Interchange At Ave 22 - From 0.3 Km South Of Avenue 21 To 0.2 Km South Of 99/152 Separation (Kp 31.5/36.4)	Madera Irrigation Canal, Califa Irrigation Canal	SWPPP	200	Jun-91	Jul-03	Dec-05	Jul-06	Oct-08
84	B	06-46190_	MA D	99	20.2/29.2	Chowchilla Median Barrier - Construct Thrie Beam Median Barrier - In Madera From Ave 21 1/2 To Sb Off To Rte 152 And In Chowchilla From Le Grande Oc To Merced County Line.		SWPPP	5.82	Aug-01	Aug-03	Jul-05	Jan-06	Jul-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
85	D	06-40290_	MA D	145	R0/	Skaggs Bridge - Replace Bridge Scour - In Fresno And Madera Counties About 9 Km North Of Kerman From 0.1 Km North Of Barstow Avenue To 0.7 Km North Of Avenue 5	San Joaquin River	303(D) SWPPP	12.6	10/15/1997	Feb-01	Dec-01	Jun-02	Oct-04
86	B	06-33610_	MA D	145	12.3/25.5	At&Sf Overlay - Ac Overly And Widen Shoulders - In And Near Madera From 0.4 Km E Of At&Sf Rr Up To Rte 41 (Kp 19.8/41.0)	Cottonwood Creek, Mendota Canal, Hildreth	401 SWPPP	5	Aug-99	Feb-04	Dec-05	Jul-06	Jan-08
87	B	06-41610_	MA D	145	R.5/R6.6	Cottonwood Creek Overlay - "Ac Overlay, Widen Shoulders, And" Replace Bridge - Near Madera From Ave 5 1/2 To Ave 11 1/2 (Kp R0.8/10.6)	Cottonwood Creek	401 SWPPP	56	Na	Jul-04	Oct-07	Mar-08	Jul-09

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
88	D	06-4074 0_	TUL		0L5723	Visalia Maintenance Station - Maintenance Station Improvements - In Tulare County At The Visalia Maintenance Station		SWPPP	9.82	Dec-98	Apr-00	Jan-02	Sep-02	Feb-04
89	C	06-3070 0_	TUL	63	5.8/ 8	Mooney Blvd. 6-Lane - 4c To 6c And Improve Channelization - On Sr 63 In Tul Co From N/Side Of Packwood Creek To South Side Of Sr 198 (9.3/12/9)	Packwood Creek	SWPPP	40.2	Apr-01	May-02	Jul-04	Dec-04	Oct-06
90	B	06-4209 0_	TUL	65	0/ 3.2	Ducor Overlay And Widening - Ac Overlay And Widen Shoulders - Near Ducor From Kern County Line To 0.3 Km S Of Ave 24 (Kp 0.0/5.1)		SWPPP	22	Aug-99	Oct-03	Aug-06	Jan-07	Oct-08

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
91	D	06-4034 0_	TUL	65	17.7/ 20.8	Porterville Planting Rehab - Irrigation And Planting Upgrade - In Tulare County In Porterville At Various Locations		SWPPP	20	Oct-00	Oct-00	Nov-01	Apr-02	Jun-06
92	B	06-4308 0_	TUL	65	29.5/ 38.6	Tulare Expressway - Construct 4-L Expressway Along An Existing 2-Lane County Road - On Sr 65 From Hermosa Ave To Rte 198 (Kp 47.5/62.1)		SWPPP	235	Mar-00	Oct-05	Jan-10	Aug-10	Jul-13
93	A	06-4428 0_	TUL	65	39/ 50	Foothill Corridor Study - Route Adoption Study - From State Route 198 East Of Visalia To State Route 152 Near Fairmead "(Kp 39/50), (0/19), (0/15)"		SWPPP	>5	Jul-01	Jul-09	Na	Na	Na

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
94	B	06-46210_	TUL	99	2.5/43.4	Tulare Median Barrier - Construct Thrie Beam Median Barrier - Near Tulare From 0.9 Km S Of Ave 24 Oc To The Ave 328 Oc And Sr 198 Near Visalia From Ben Maddox Way Oc To 1.2 Km East Of Ben Maddox Way Oc "(Kp 4.1/69.9), (17.3/18.5)"		SWPPP	5	Jun-01	Nov-03	Dec-03	May-04	Dec-04
95	C	06-43170_	TUL	99	5.6/19.3	Earlimart & Tipton Landscape - Replace Planting And Irrigation - In And Near Earlimart From 0.9 Km S Of Ave 48 Oc To 1.2 Km N Of Ave 56 "Oc, Near Tipton From Rte 190 Oc To" 0.3 Km S Of Ave 152 Oc. (Kp 9.0/11.7) (30.1/31.1)		SWPPP	35	Na	May-03	Jun-04	Nov-04	Jul-09

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
96	B	06-4790 0_	TUL	99	12.1/ 13.1	Pixley Highway Planting - New Highway Planting - In Tulare Co In Pixley From 0.3 Km S/Of Ave 96 Oc To 0.5 Km N/Of Avenue 100 Oc (Kp 19.4/21.1)		SWPPP	15	Na	Jul-02	Na	Na	Na
97	B	06-4376 0_	TUL	99	27.7/ 31.2	Tulare Landscape - Highway Planting Restoration. - 0.2 Km N/Of Paige Rd Oc To 0.5 Km S Of Bardsley Ave Oc And From 0.3 Km N/Of Prosperity Ave Oc To 0.9 Km S/Of Cartmill Road Oc (Kp 44.6/50.2)		SWPPP	14	Sep-00	Dec-04	Nov-05	Apr-06	Jul-10

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
98	C	06-43160_	TUL	99	28.3/29.9	Tulare Landscape Rehab - Highway Planting Restoration - In Tulare From 0.5 Km S Of Bardsley Ave To 0.3 Km N Of Prosperity Ave (Kp 45.5/48.1)		SWPPP	20	Sep-99	Nov-01	Dec-02	Jul-03	Aug-07
99	D	06-38820_	TUL	99	30.1/31	Prosperity Avenue Interchange - Modify Interchange - In Tulare At Prosperity Ave (Kp 48.4/49.8)		SWPPP	6.8	Jul-00	Jul-00	Nov-02	May-03	Jul-04
100	B	06-36020_	TUL	99	30.6/41.3	Tulare-Goshen 6-Lane - 4f To 6f - Near Tulare From Prosperity Ave To 0.3 Km N Of North Goshen Oh (Kp 49.2/66.5)		SWPPP	80	Jun-01	Jul-07	Sep-10	Apr-11	Jul-13

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
101	B	06-32450_	TUL	99	41.3/53.9	Goshen/Kingsburg 6-Lane - Widen 4-Lane Freeway To 6-Lanes - In Tulare And Fresno Counties From 0.3 Km N Of Goshen Oh To 0.2 Km N Of Conejo Ave Oc "(Kp Tul-66.4/86.7, Fre-0.0/1.6) _"	Kings River, Cross Creek	401, 303(D) SWPPP	55	Feb-00	Oct-05	Nov-08	Jun-09	Jul-12
102	A	06-46120_	TUL	137	15.3/16.6	Downtown Tulare Rehab - Pavement Rehab (Rr) - In Tulare On Rte 137 F/South I Street To Rte 137/99 Sep (Kp 24.6/26.7)		SWPPP	8	Dec-02	Oct-04	Jul-06	Nov-06	Oct-07
103	A	06-46150_	TUL	190	0/8	Lairds Corner Rehab - Ac Overlay And Shoulder Widening - In Tulare On Rte 190 At Intrs Of 99/190 (Kp 0.0/12.8)		SWPPP	20	Sep-02	Dec-06	Jul-09	Nov-09	Apr-11

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
104	B	06-33732_	TUL	190	8/15	Tipton Rehab - Ac Overlay - Near Tipton From 0.8 Km W Of Rd 184 To Rd 236 (Kp 12.9/R24.1)	Friant Kern Canal	401 SWPPP	78	Mar-01	Mar-01	Mar-05	Jul-05	Dec-06
105	B	06-32362_	TUL	190	45.1/45.6	Moore House Slope Protection - Roadway Widening & Slope Protection - From 0.8 Miles East Of Moore House Creek To 1.4 Mile West Of Pierpoint Drive (Kp 72.6/73.4)	Lake Success, South Bear Creek	401 SWPPP	5	Sep-00	Oct-05	Oct-07	Apr-08	Oct-09
106	D	06-27863_	TUL	198	R4.8/R8.8	Visalia Freeway Landscaping - Planting And Irrigation - In Tulare County In And Near Visalia From 0.4 Km East Of Plaza Drive To Route 198 And 63 Separation		SWPPP	35	Na	Dec-99	Sep-00	Apr-01	Feb-05

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
107	C	06-43100_	TUL	198	R8.5/R10.7	Visalia Median Barrier - Construct Median Barrier - In Visalia From Woodland Drive Oc To Ben Maddox Way Oc (Kp Kp R13.7/R17.3)		SWPPP	11	Oct-01	Oct-02	Jun-03	Dec-03	Oct-04
108	D	06-40350_	TUL	198	R8.8/R11.9	Visalia Planting Rehab - Irrigation And Planting Upgrade - In Tulare County In And Near Visalia From Mooney Boulevard Overcrossing To 0.3 Km East Of Lovers Lane Undercrossing		SWPPP	22	Sep-00	Sep-00	Aug-01	Mar-02	Nov-03
109	B	06-33920_	TUL	198	R15.1/R18.9	Visalia East Overlay - Ac Overlay And Widen - Near Visalia From 0.8 Km E Of Farmersville Rd To 0.2 Km E Of Rte 65 (Kp R24.3/R30.4)	Deep Creek, Outside Creek, Johnson Slough	401 SWPPP	20	Aug-99	Feb-04	Jul-05	Feb-06	Dec-07

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
110	B	06-33930_	TUL	198	21.5/26.7	Lemon Cove Widening - Ac Overlay And Widen - Near Visalia From 0.1 Km W Of Rd 220 To 0.2 Km W Of Rd 244 (Kp 34.6/42.9)	Yokohl Creek	401 SWPPP	13.9	Jul-93	Jan-03	Jan-04	Jun-04	Jul-05
111	D	06-41530_	TUL	198	33.3/35.8	Lake Kaweah Relocation - Realign Roadway And Replace Bridge - In Tulare County Near Lemoncove At Lake Kaweah From 0.6 Km West Of Horse Creek Bridge To 0.3 Km East Of Horse Creek Bridge	Lake Kaweah	401 SWPPP	7	Jun-01	Jun-01	Aug-02	Nov-02	Apr-04
112	C	06-36140_	TUL	245	16/16.7	Cottonwood Creek Bridge - Replace Bridge (Scour) - Near Woodlake At Cottonwood Creek Br# 46-80 (Kp 25.7/26.9)	Cottonwood Creek	SWPPP	5	Na	Jun-02	Mar-04	Aug-04	Oct-06

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

Criteria

SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body within project limits and affected by project
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
Four Maintenance Stations will be chosen at random for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
One summer activity will be reviewed / inspected: paving, chip sealing, or similar.							
Two winter activities will be reviewed / inspected: snow removal, drain cleaning, etc. Target: two activities per year – total.							
Maintenance Facility BMP Improvements							
Review Maintenance Stations and activities with Supervisors on an on-going basis; share examples of BMP's that work well, are easy to install, and are cost effective.							
Maintenance BMP Actions/Modifications							
Bring approved new technology on-board as it becomes available and recommend the placement of permanent BMP projects into any Maintenance Station improvement plan.							
Vegetation Management and Vegetated Slope Management							
The Vegetation Control Plan (VCP) is written each Spring prior to the fiscal year, per M.M. Vol. 1, Section 2.06. The District 6 VCP for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Districts will provide the VCP for FY 2003/04 to the RWQCB by May 15, 2003.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date. The Department is waiting for conformation of RWQCB approval).							
			Route/PM	County	Inspection Schedule	Remediation Action Planned	

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

(1) Major road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

401 = 401 Certification/Waiver required

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Construction Compliance Review Task Force annual report.
Training and Public Outreach
Maintenance BMP review during tailgate meetings at 10 days or whenever activities are changed. The SWMP, Appendix D, Guidelines, and <i>Storm Water Quality Handbook, Maintenance Staff Guide</i> , are used.
Annual Refreshers for all Maintenance field personnel. Refresher curriculum is developed prior to training based on the latest information available. Informal training is provided by Regional Storm Water Coordinators on a daily basis as is necessary.
For FY 03/04 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 02/03 and new hires. New training modules will be developed for Phase II permit changes and Sampling and Analyses requirements.
Contacts are made when off-R/W violations are observed that affect Department facilities or R/W. Storm water compliance requirements are explained to violators. Cooperation and coordination with utility companies, etc., relative to affect on Department facilities or R/W are on-going. Facilities storm drain stenciling program will continue. Storm drain stenciling in communities with populations of 10,000 or more is planned to begin.
Pending Headquarters approval and disbursement of funds, the Central Region will: 1) develop and distribute five distinctive storm water pollution prevention informational fact sheets to be utilized for MS4 coordination and public education activities; one fact sheet will be developed and distributed to address the unique water quality challenges presented by each RWQCB office within the Central Region; 2) develop content for, and purchase a portable storyboard to be used for presentations and static displays for permit-related public education efforts; and 3) purchase three notebook computers and two portable digital projectors to be used for permit-related training, presentations, MS4 coordination, and other activities where computing portability is necessary to achieve permit compliance.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

Municipal Coordination
District 6 participates in cooperative meetings with municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training. The District 6 storm water coordinator also participates in the California Stormwater Quality Association
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees. See Training and Public Outreach above for additional planned municipal coordination activities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **5**

CALTRANS DISTRICT
7

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 7

CENTRAL VALLEY REGION 5F

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 7

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**CENTRAL VALLEY REGION 5F
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

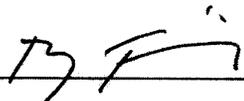


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 7**

**Certification
Regional Work Plan 2003/2004**

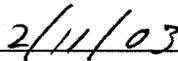
**California Regional Water
Quality Control Board
Los Angeles Region 4, Lahontan Region 6B
Central Valley Region 5F, Central Coast Region 3**

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)]



Douglas R. Failing

District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 7, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Department's District 7 fall within the jurisdiction of the Central Valley Regional Water Quality Control Board (RWQCB). Organization charts for District 7 are included in Figure 2-1. Staff responsible for implementing the SWMP within the RWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Richard Gordon Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-6318 (213) 620-5020 (213) 620-2110	Richard_Gordon@dot.ca.gov Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

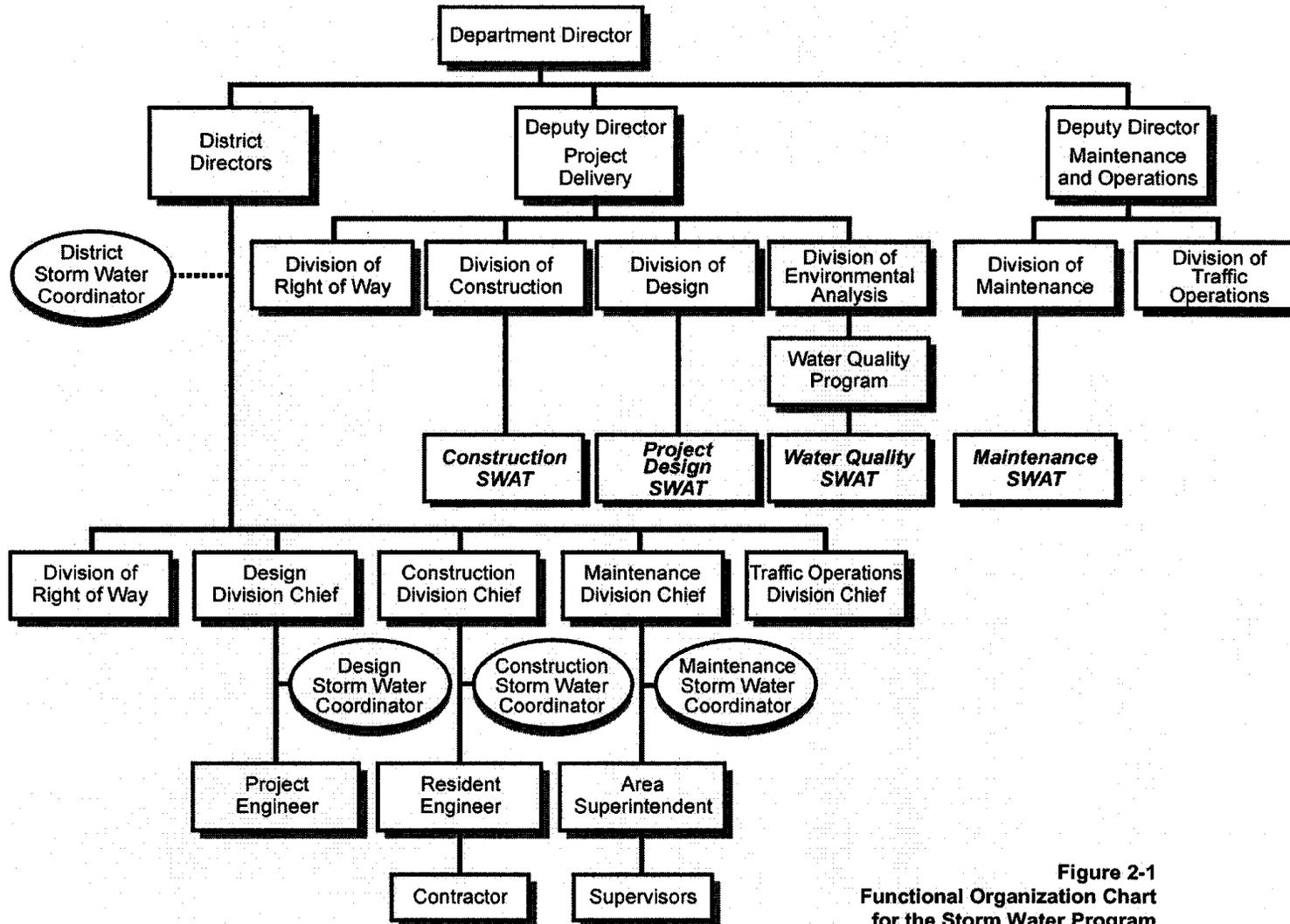


Figure 2-1
Functional Organization Chart
for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 7 boundaries within the Central Valley Regional Water Quality Control Board (RWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
None.				
Vista Points				
None.				
Commercial Vehicle Enforcement Facilities				
None.				
Safety Roadside Rest Areas				
None.				
Park and Ride Facilities				
None.				
Sand and Salt Staging Areas				
Kern	5	88.3	Frasier Park	Sand and Salt Storage
Toll Road and Toll Bridge Plazas				
None.				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

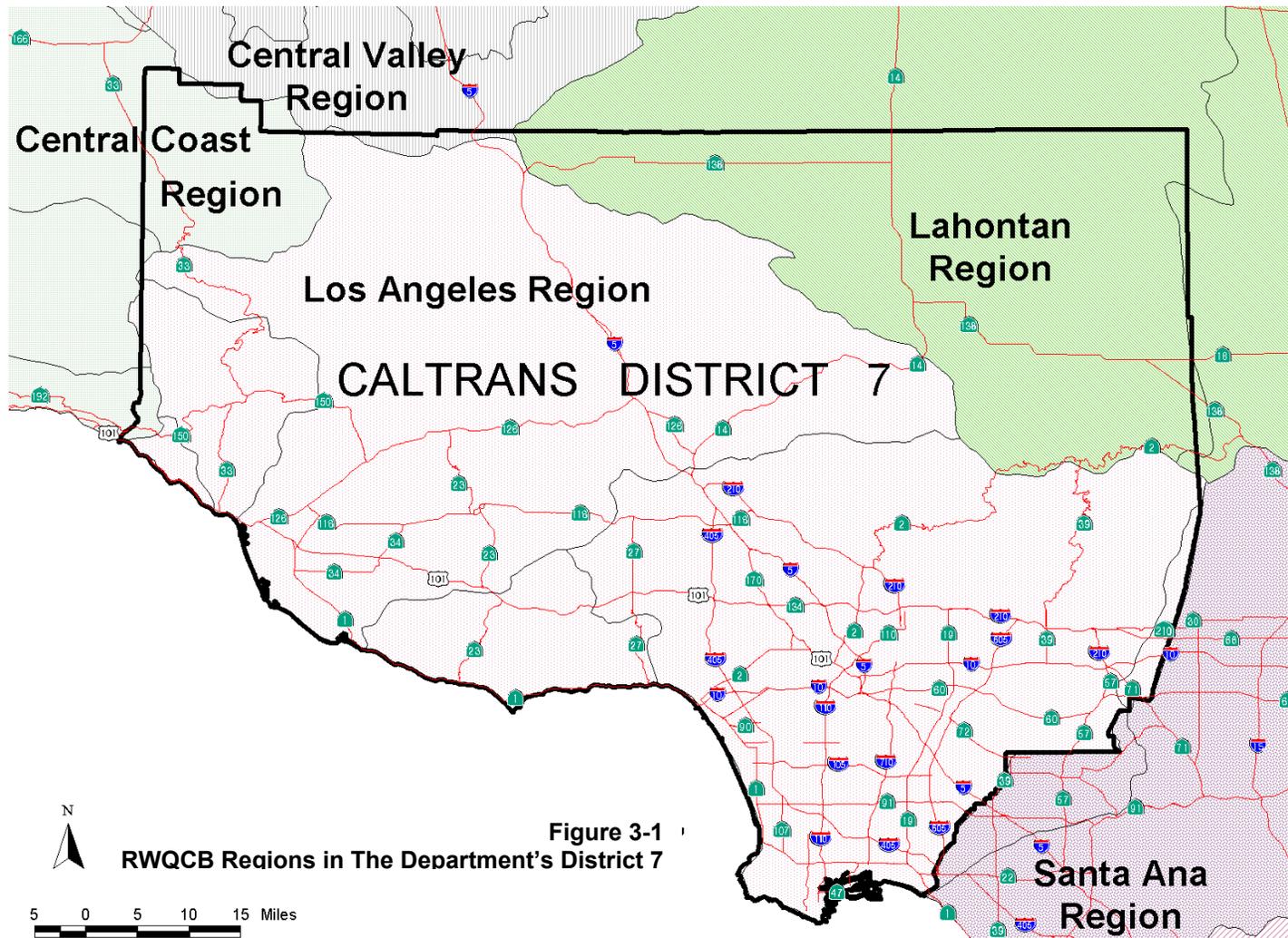


Figure 3-1
RWQCB Regions in The Department's District 7

4.0 HIGH RISK AREAS

There are no high-risk areas within District 7. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Table 4-1 shows high-risk areas for surface water. These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between the Central Valley Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

However, there is no high-risk area listed in District 7 jurisdiction within the Central Valley Region Water Quality Control Board.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Department postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Figure 5-1 shows major roads and highways with postmile locations within District 7.

SECTION FIVE

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
None.														

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

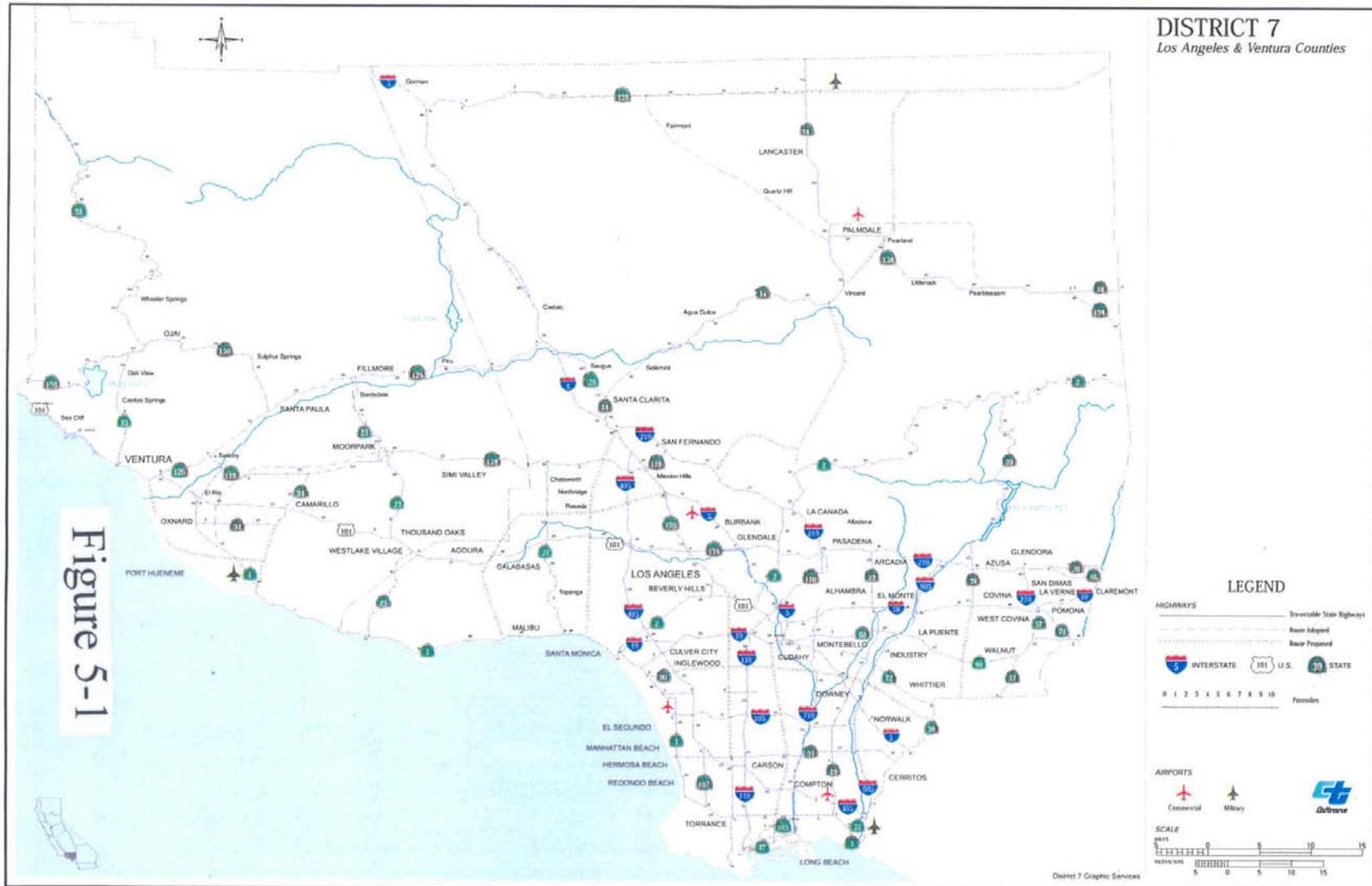
Significant Road Maintenance Activities (1)	
	NONE
Maintenance Facility and Activity Inspections	
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.	
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.	
Maintenance Facility BMP Improvements	
Cover for Multi-chambered Treatment Train to prevent vector concerns. Other improvements will be based on the annual storm water facility inspections.	
Maintenance BMP Actions/Modifications	
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.	
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.	
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.	
Vegetation Management and Vegetated Slope Management	
Vegetation Control Plan	
The District 7 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:	
	<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program
Vegetated Slope Evaluation	
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.	

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>Monitoring Activities</p> <p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Department projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
<p>Construction Compliance Monitoring Program</p> <p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>
<p>Training and Public Outreach</p> <p>Training of Department personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Department staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, including the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>The Project Planning and Design Guide training will be provided to Design staff.</p> <p>Additional training on permanent and temporary erosion control will also be given to Design staff.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Department Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Department projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>
<p>Municipal Coordination</p> <p>District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.</p>
<p>Monitoring Activities</p> <p>Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.</p>
<p>Construction Compliance Monitoring Program</p> <p>Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.</p>
<p>Training and Public Outreach</p> <p>Quarterly training on storm water issues will be provided to staff.</p> <p>Two-day training seminars are planned for each of the District maintenance and construction supervisors.</p>



**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

5

CALTRANS DISTRICT

9

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 9

LAHONTAN REGION 6

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 9

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LAHONTAN REGION 6
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

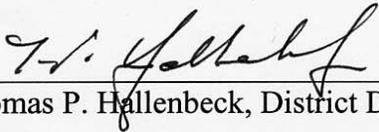


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 9**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region 6**

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)]



Thomas P. Hallenbeck, District Director

2/1/03

Date

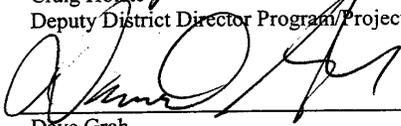
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 9

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Lahontan Region 6

April 1, 2003

California Department of Transportation District 9

 _____ Craig Holste Deputy District Director Program/Project Management	<u>1/27/03</u> Date
 _____ Dave Grah Deputy District Director Maintenance & Operations	<u>27 JAN 03</u> Date
 _____ Katy Walton Deputy District Director Planning	<u>1/27/03</u> Date

2003/2004 REGIONAL WORK PLAN

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on Districts 1 and 2, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 9 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (RWQCB) Region 6 and Central Valley RWQCB Region 5. Its geographic boundaries are limited to Inyo and Mono Counties, but the District’s roadway planning and maintenance responsibilities overlap onto State Routes (SRs) 14, 58, 178, 202, and US 395 located in Eastern Kern and SRs 127 and 178 in Northern San Bernardino County.

An organization chart for District 9 is included in Figure 2-1 on Page 2-3. Staff responsible for implementing the SWMP within the Lahontan RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: KEY DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Mark A. Heckman	District NPDES Storm Water Coordinator	(760) 872-0734	Mark_Heckman@dot.ca.gov	Primary contact for administrative storm water issues within District.
Randy Wright	District Storm Water Maintenance Coordinator	(760) 872-0633	Randy_Wright@dot.ca.gov	Primary contact for storm water Haz Mat, and Vegetation Control issues.
Monty Packard	District Storm Water Supervisor	(760) 872-5299	Monty_Packard@dot.ca.gov	Secondary contact for Maintenance storm water issues.
Terry Gess	District Storm Water Permits Coordinator	(760) 872-0674	Terry_Gess@dot.ca.gov	Primary contact for Permits within the District.
R. Steve Miller	District Landscape Architect	(760) 872-0784	R_Steve_Miller@dot.ca.gov	Primary contact for Landscape storm water issues within the District.
Christopher Dionisio	Central Region Storm Water Design Coordinator	(760) 872-5212	Christopher_Dionisio@dot.ca.gov	Primary contact for Design storm water issues within the District.
Dan Holland	Central Region Storm Water Environmental Coordinator	(760) 872-3021	Dan_Holland@dot.ca.gov	Primary contact for Environmental storm water issues within the District.
Luis Elias	Central Region Construction Storm Water Coordinator	(760) 872-5251	Luis_Elias@dot.ca.gov	Primary contact for Construction storm water issues within the District.
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	Marc_Boswell@dot.ca.gov	Primary contact for storm water issues in the Central Region.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Individual/Position	Documents Authorized for Signature
Thomas P. Hallenbeck, District Director	All District Documents
Dave Grah, Deputy District Director – Maintenance	All District Documents, except Regional Work Plan and Annual Report
Craig Holste, Deputy District Director – Program Management	All District Documents, except Regional Work Plan and Annual Report
Katy Walton, Deputy District Director – Planning and Programming	All District Documents, except Regional Work Plan and Annual Report

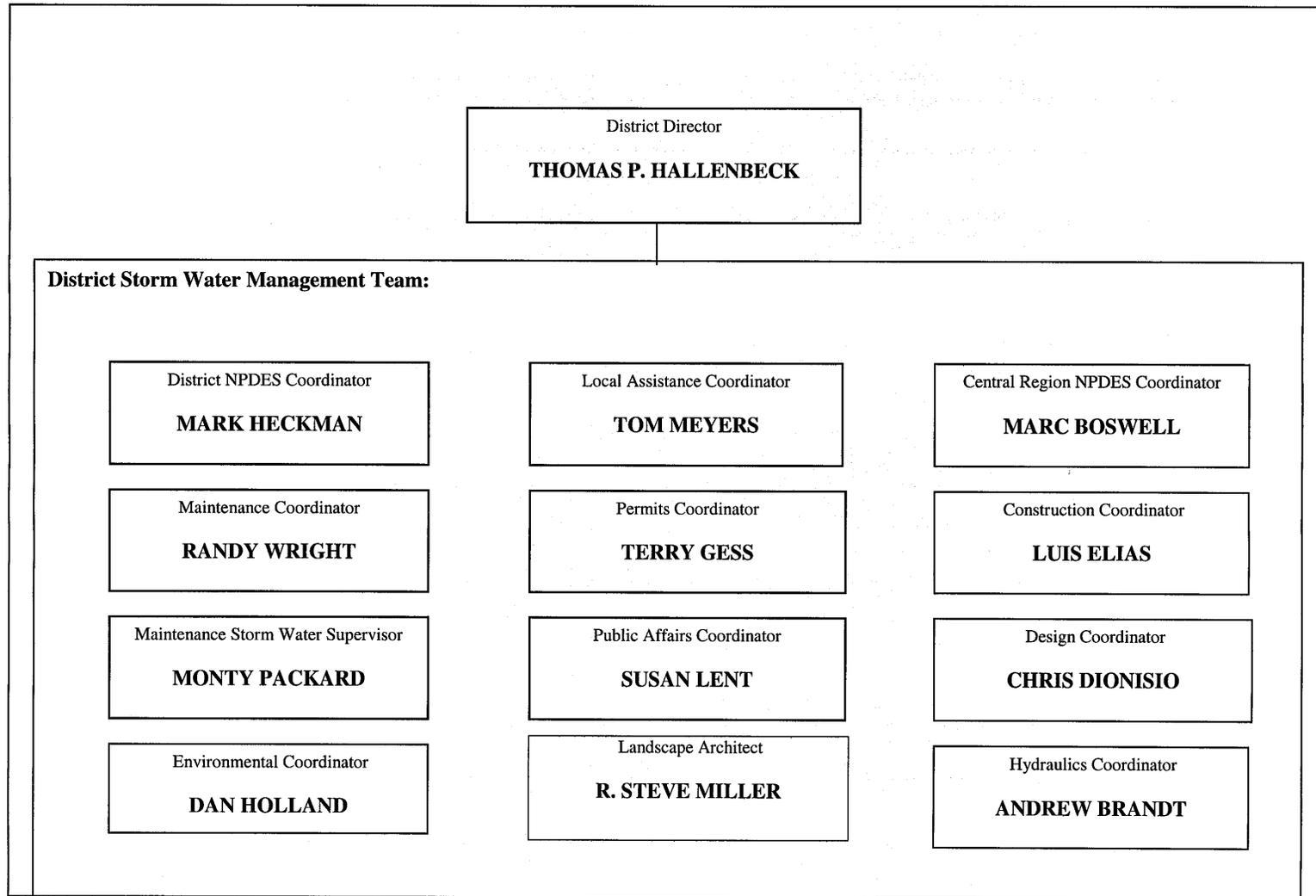


Figure 2-1
District 9 Organizational Chart for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department’s facilities, excluding roadways, is presented in Table 3-1. A map showing District 9 boundaries within the Lahontan and the Central Valley RWQCBs, and major roads and highways are presented in Figure 3-1.

TABLE 3-1: DISTRICT 9 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Inyo	006	0.13	Bishop	Highway Maintenance
Inyo	127	14.7	Shoshone	Highway Maintenance
Inyo	190	107.4	Death Valley	Highway Maintenance
Inyo	395	73.8	Independence	Highway Maintenance
Kern	058	112.3	Mojave	Highway Maintenance
Kern	178	92.0	Inyokern	Highway Maintenance
Kern	202	10.5	Tehachapi	Highway Maintenance
Mono	395	18.0	McGee Creek	Highway Maintenance
Mono	395	34.2	Crestview	Satellite
Mono	395	51.6	Lee Vining	Highway Maintenance
Mono	395	76.0	Bridgeport	Highway Maintenance
Mono	395	93.8	Sonora Junction	Highway Maintenance
Vista Points				
Inyo	190	47.4	Father Crowley	
Mono	395	4.1	Sherwin Grade	South Bound
Mono	395	4.7	Sherwin Grade	North Bound
Mono	395	62.5	Mono Lake	
Commercial Vehicle Enforcement Facilities				
Inyo	395	111.3	Warm Springs	CHP Tow-in-scale location
Kern	058	81.0	Keene	
Kern	058	105.5	Cache Creek	
Mono	395	116.9	Topaz Lake	CHP Tow-in-scale location
Roadside Rest Areas				
Inyo	395	R17.7	Coso Junction	17 mi. S of Jct. Route 395/190
Inyo	395	R83.9	Division Creek	10 mi. N of Independence

TABLE 3-1: DISTRICT 9 FACILITIES (Continued)

Kern	058	139.0	EB Boron	27 mi. E of Mojave
Kern	058	139.0	WB Boron	27 mi. E of Mojave
Mono	395	32.4	Crestview	1.6 mi. S of Crestview
Park and Ride Facilities				
Kern	178	103.8	Ridgecrest	NW corner of Richmond Rd
CO	Route	PM	Name	Comments
Sand and Salt Staging Areas				
Inyo	395		Lone Pine	Sand and Salt Storage
Kern	058	90.72	Tehachapi	Sand and Salt Storage
Mono	203	2.2	Minaret	Sand and Salt Storage
Mono	395	3.2	Sherwin Grade	Sand and Salt Storage
Mono	395	63.6	Conway Summit	Sand and Salt Storage
Snow Storage Sites				
Mono	158	1.0	June Lake	Snow storage site
Mono	158	2.8	June Lake	Snow storage site
Mono	395	76.8	Bridgeport	Snow storage site
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

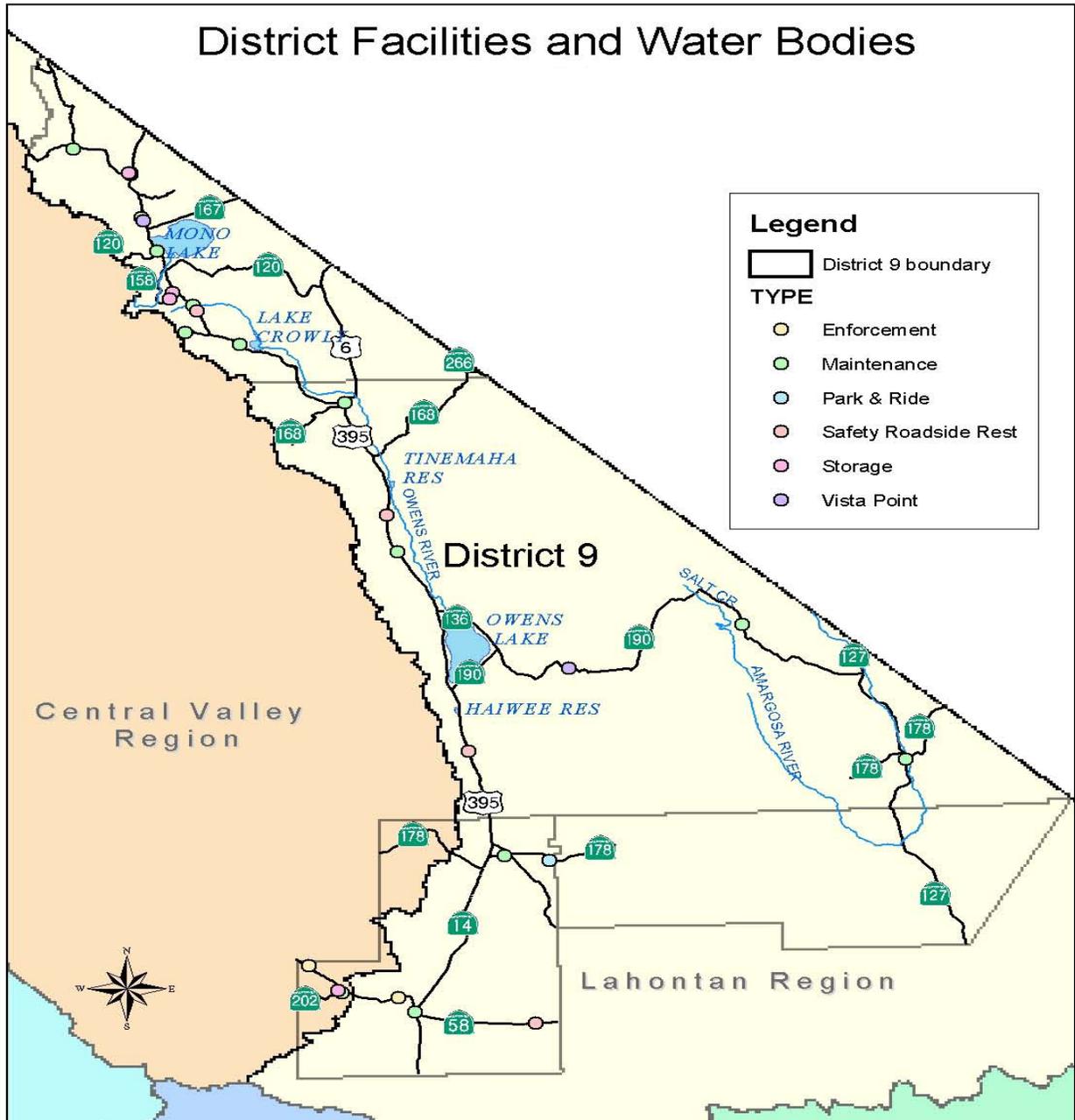


Figure 3-1
District Facilities and Water Bodies

4.0 HIGH RISK AREAS

A list of high-risk areas within District 9 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from the Department’s right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 158, PM 2.3/3.3	Mono	June Lake System	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMP's used during projects will be considered as required.
SR 158, PM 3.3/14.4	Mono	June Lake Down Canyon	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMP's used during projects will be considered as required.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs, new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the fiscal year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a water body within the project limits designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department);
- The project is a storm water retrofit project (SWMP Section 4.4.2);
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit;
- The project limits are within a “High Risk Area,”; and
- The project is designated by a RWQCB as posing a potential threat to water quality.

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1 and Table 5-2.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	06-39680	KER	58	L5719	Cache Creek Maintenance Station- Construct new maintenance station		SWPPP	>5	9/00	12/01	1/04	6/04	12/05
2	A	09-30110	INY	0	L5949	Scenic pullouts at various locations.		SWPPP	5+	7/02				
3	D	09-28430	INY	6	0.1/8.4	Thick blanket (CAPM) near Bishop on Rte 6 from Wye Rd. to 0.2 KMs of Chalfant Rd (KP 0.2/13.4; KP 0.0/7.2	Owens River	SWPPP 303(d)	30		5/02	7/02	4/03	6/03
4	A	09-30520	INY	127	0.0/49.4	Operational improvements near Shoshone from Rte 15 in SB Co. to the Nevada Stateline, at various locations (KPX 0.0/79.5). Special studies.		401	<5	12/01				
5	A	09-29690	INY	190	28.8/33.0	Drainage improvement near Keeler from 6.8 KM East Junction Rte 136 to 2.7 KM West Talc City Rd (KPX046.3-X053.1)	Centennia Wash	SWPPP 401	20	12/01	12/07	10/08	5/09	4/10

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
6	A	09-3048 0_	INY O	190	65.9/7 5.0	Realignment near Panamint Springs from 0.8 KM East Vista Point to 2.4 KM West Wildrose Road (KPX106.1/120.7)	Panamint Springs	SWPPP	40	7/02	7/05	7/06	2/07	7/08
7	B	09-2731 0_	INY O	395	112.9/ 115.0	Widening, dig outs, and AC overlay near Bishop from Warm Springs Rd to J St in Bishop (KPX181.7/X185.1)		SWPPP	5+	11/94	2/03	10/04		
8	A	09-3006 0_	INY O	395	17.9	Construct new SB SRR near Coso Junction at Coso Rd (KPX28.8)		SWPPP	5+	8/01				
9	B	09-2148 0_	INY O	395	70.3/7 6.1	Widen to 4 lane expressway near Independence from 4.3 KM South Mazourka Canyon Rd to 1.0 KM North Shabbell Lane (KPX113.1/X122.8)	Symmes Creek, Independence Creek	SWPPP	8	7/97	10/03	10/05	7/06	10/08

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
10	B	09-21460_	INY O	395	77.3/91.6	Widen to 4 lane expressway near Independence (Blackrock) from 0.3 KM North to North Fort Rd to 0.2 KM South of Elna Rd (KPX124.4/X147.4)	LA Aqueduct, Sawmill Creek, Goodale Creek, Division Creek, Taboose Creek	SWPPP 401 303(d) (Goodale Creek)	300	7/97	1/04	3/05	2/06	7/08
11	A	09-30150_	INY O	395	84.0	Rehab existing rest area near Independence at Division Creek Roadside Rest (KPX135.2)	Canal	401	<5	12/01				
12	A	09-30330	INY O	395	84.0	Construct new SB SRR near Big Pine at Division Creek Safety Roadside Rest (KPX135.2)	Canal	SWPPP	5+	8/01				
13	B	09-25800	INY O	395	117.8/122.4	Ed Powers Rehab-Recycle, widen shoulders, AC overlay.	McGee Creek	SWPPP	10	11/94	9/04	9/05	4/06	12/06
14	B	09-21340	INY O	395	30.8/41.8	Construct 4 lane expressway (Olancha).		SWPPP	8	1/99	8/04	11/08		
15	B	09-28790	INY O	395	99.0/100.8	Sidewalks, drainage, AC overlay.	Big Pine Creek	401 SWPPP	18	8/99		8/03	2/04	12/04

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
16	B	09-29550	INY O	395	R0.0/R8.6	Widening, curve realignment, overlay.		401	5	8/99	2/06	8/07	3/08	10/09
17	B	09-21440_	INY O	395	R65.2/R71.2	Widen to 4 lane expressway near Independence (Manzanar) from 0.6 KM South of LADWP Aqueduct Bridge # 48-14 to 2.9 KM South of Mazourka Canyon Rd (KPX104.9/114.6)	George Creek, Bairs Creek, Shepard Creek, LA Aqueduct	SWPPP 401	160	6/91	1/04	7/05	12/05	1/08
18	B	09-26350_	MN O	0	L5705	Construct new maintenance station near Lee Vining 2.6KM South of the North Junction of Rte 158.		SWPPP	5+		10/02			
19	B	09-30700	MN O	108	0.0/15.0	Sonora Drainage IV- Drainage Improvements near Sonora Junction from Toulumne County line to Junction Route 395	Sardine Creek, Leavitt Creek, West Walker River	401 SWPP	1		6/03	11/03	6/04	11/04
20	D	09-27970_	MN O	108	3.0/3.1	Replace bridge in Mono County about 19 KM West of Sonora Junction at Soda Creek Bridge.	Soda Creek	401	<5	9/97	6/99	10/00	3/01	11/02

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	09-28810	MN O	158	0.0/6.0	Resurfacing roadway (CAPM) near June Lake from Junction Rte 395 to 0.2 KM North of Power House Rd (KPX0.0/9.7)	June Lake, Gull Lake, Reverse Creek	SWWWP 401 303(d) HR	6	8/99	10/99	8/02	3/03	11/03
22	A	09-23770_	MN O	395	117.9/ 119.4	Realign & curve correction near Topaz (High Point) from 1.4 KM North Rte 89 to 0.8 KM South of Nevada Stateline (KPX189.7/192.2)	Topaz Lake	SWPPP 303(d)	70	7/02	10/07	4/09		10/11
23	B	09-26990	MN O	395	52.8/5 5.9	Widen shoulders & construct pullouts near Lee Vining from 0.5 KM South Picnic Ground Rd to 0.3 KM North of Cemetery Rd (KPX85.0/90.0)	Mono Lake	SWPPP 401 303(d)	5+	7/97	10/03	1/05	5/06	1/07
24	A	09-26410_	MN O	395	57.8/6 0.2	Widen to 4 lanes near Mono Lake from 0.6 KM South Rte 167 to 0.3 KM North Conway Ranch Rd (KPX93.0/X96.9)		SWPPP	5+	7/01	5/04	6/06	3/07	10/07

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
25	C	09-28840	MN O	395	63.0/63.3	Conway Slopes restoration-Phase I-grading and site preparation near Mono Lake from .8 KM south to .3 KM south of Virginia Lakes Road		SWPPP	5		11/01	1/03	8/03	11/03
26	B	09-30430_	MN O	395	66.0/68.0	Widen shoulders and construct pullouts near Mono Lake from 4.0 KM North Virginia Lakes Rd to 3.0 KM South Junction 270.		SWPPP	5+	2/02	7/09	12/11	5/12	11/13
27	B	09-28010	MN O	395	109.7/114.7	Topaz-Larsen Turn Lane-Construct left turn pocket near Coleville from .5 KM south of Larsen Lane to 1.0 KM north of Topaz Lane		SWPPP	6		12/03	12/04	6/05	10/05
28	B	09-26900_	MN O	395	R0.0/R10.3	AC overlay, shoulder widening		SWPPP	5+	11/94	11/04	11/06	7/07	1/03

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)*** Criteria**

SWPPP	=	Greater than 5 acres of land disturbance
303d	=	303 (d) listed water body within project limits and affected by project
401	=	401 Certification/Waiver required
SEP	=	Supplemental Environmental Project
Retro	=	Storm Water Retrofit Project (SWMP 4.4.2)
LT	=	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	=	Project limits within High Risk Area
RB	=	RWQCB designated project as a potential threat to water quality

** SWMP Category is defined in Section 4.4.1, Table 4-3.

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved, but Environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Inyo	395	0-11.8	Grinder Digouts and Machine placed Blankets	Little Lake	HR	03/03	07/03
Inyo	395	31.28	Paint Bridge	Los Angeles aqueduct	HR	03/03	07/03
Mono	158	12.0-15.8	Machine Placed Blankets	Grant Lake	HR	03/03	07/03
Mono	270	0-13.3	Grader Blankets and Crack seal	Clearwater Creek	303d	12/02	07/03
Mono	395	12.6-32.3	Crack Seal	Mammoth Creek	303d	12/02	05/03
Mono	395	12.6-36.1	Chip Seal	Mammoth Creek	303d	03/03	07/03
Maintenance Facility and Activity Inspections							
Activity Inspections will be conducted annually as described in the SWMP.							
All 13 Maintenance Facilities are scheduled for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
Guidelines for BMPs at sand storage sites are currently under development and will be detailed upon completion.							
Triangular silt dike barrier along with other BMP's are being installed for stock piles on road and in maintenance facilities in an on-going effort.							
Maintenance BMP Actions/Modifications							
Review Maintenance Stations and Operations with Supervisors and implement new BMP technologies, as they become available.							
Review new and approved BMP's as they become available and implement as appropriate.							
Review existing BMP's and modified as needed.							

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the Statewide Monitoring Program described in the Storm Water Monitoring Plan FY 2002/03.
Monitoring the Storm Water outflow at Lee Vining Maintenance Station.
Continued monitoring at the storm water runoff station located on the northbound U.S. Hwy 395 PM 0.17/0.2.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Initiated sampling and analytical plans for construction, 1 acre SWPPP.
Training and Public Outreach
BMP training is given every 10 days to the maintenance crew by the MTCE supervisor at the local facility.
Formal BMP training is provided to maintenance crews once a year by the District Storm Water staff in the field on a region basis.
Salt and cinder calibration training will be provided to the maintenance crew on an annual basis to train employee how to operate the sander/spreader controls.
P.P.D.G. training will be given to Design personnel on an as needed basis.
Construction storm water BMP training will be given on an as needed basis.
The Department will represent our Storm Water program with two presentation booths within District 9, during the two County Fairs held within the District. Numerous flyers and brochures relating to the Department's storm water efforts will be passed out to the public; some of these may include "Don't trash California" stickers and "Only Rain Down the Drain" notepads and stickers.
Municipal Coordination
Coordination with Inyo and Mono Counties is continuous throughout all phases of projects.
Coordination throughout the Inter-Governmental Review/CEQA process on storm water issues is continuous.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **5**

CALTRANS DISTRICT
10

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 10

CENTRAL VALLEY REGIONAL

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 10

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**CENTRAL VALLEY REGIONAL
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



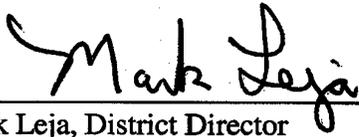
CALIFORNIA DEPARTMENT OF TRANSPORTATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 10**

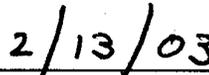
**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Central Valley Region**

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)]



Mark Leja, District Director



Date

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2.0	Department Personnel and Responsibilities	2-1
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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 10, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Department’s 10 fall within the jurisdiction of the Regional Water Quality Control Board, Central Valley Region. An organization chart for District 10 is included in Figure 2-1. Staff responsible for implementing the SWMP within the Central Valley Region jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	marc_boswell@dot.ca.gov	Primary contact for all Central Region storm water issues.
Kerry Molz	District NPDES Storm Water Coordinator	(209) 942-6167	kerry_molz@dot.ca.gov	Primary contact for all District 10 storm water issues.
Raafat Shehata	Central Region Storm Water Construction Coordinator	(559) 243-8691	Raafat_Shehata@dot.ca.gov	Primary contact for construction-related storm water issues.
Logan Houston	District 10 Maintenance Storm Water Coordinator	(209) 576-6315	lhouston01@dot.ca.gov	Primary contact for maintenance-related storm water issues.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Mark Leja, District Director	All District-related storm water documents
Marc Boswell, Regional Storm Water Coordinator	All Central Region storm water-related documents except Annual Report Certification
Design Seniors	Notification of Construction
Maintenance Superintendent	Maintenance activity reports
Resident Engineers	SWPPP Approval, Notice of Completion of Construction

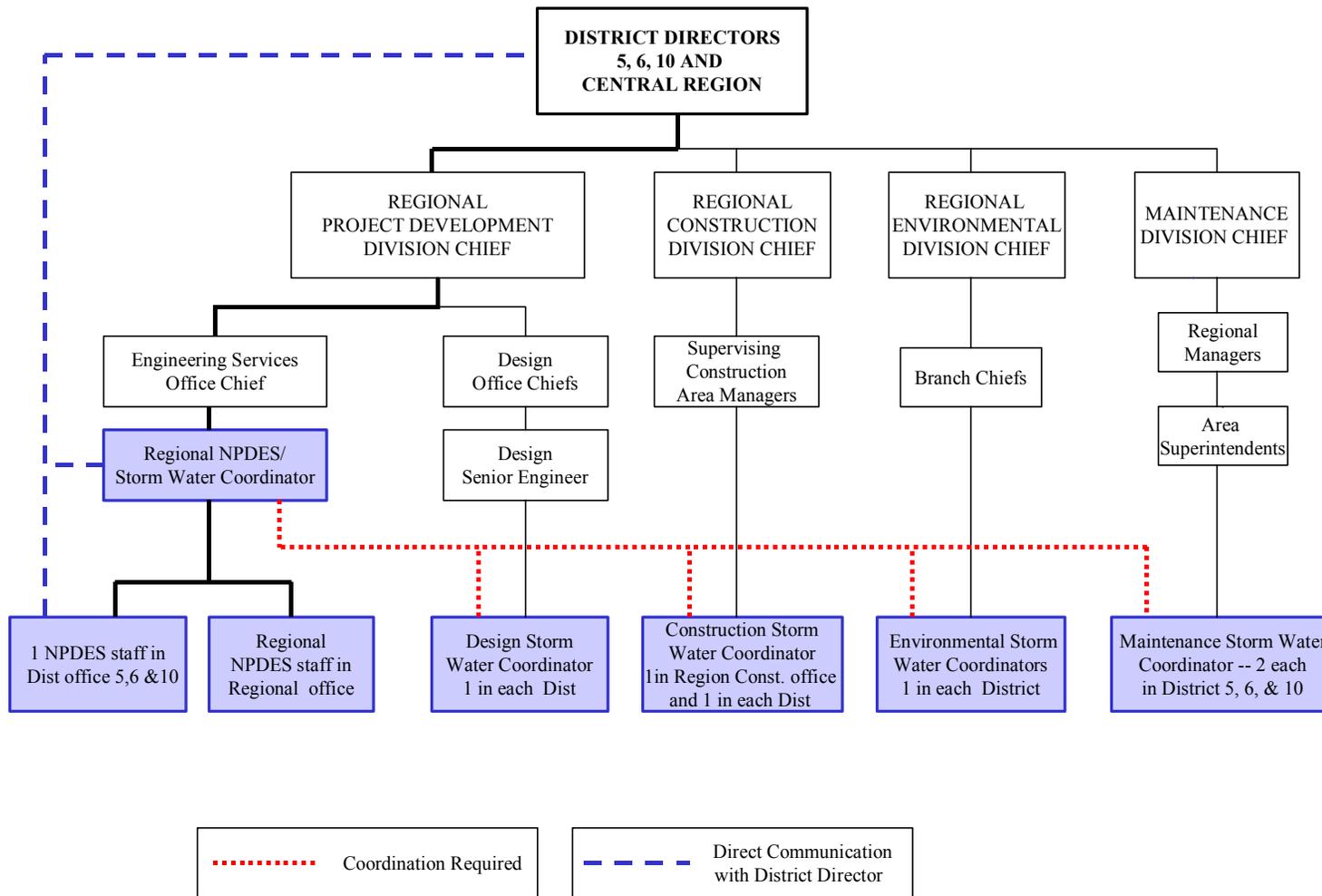


Figure 2-1
Districts 5, 6, 10 And Central Region Storm Water Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department’s facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 10 boundaries within the Central Valley Regional Water Quality Control Board and major roads and highways are presented on Figure A-20 located in the Statewide Storm Water Management Plan.

TABLE 3-1: DISTRICT 10 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALP	88	1.9	Caples Lake	Highway Maintenance
AMA	124	2.0	Ione	Highway Maintenance
AMA	88	54.0	Peddler Hill	Highway Maintenance
AMA	88	22.9	Pine Grove	Highway Maintenance
CAL	49	8.0	Altaville	Highway Maintenance
CAL	004	60.0	Cabbage Patch	Highway Maintenance
CAL	4	49.6	Camp Connell	Highway Maintenance
CAL	026	34.8	West Point	Highway Maintenance
MER	152	21.4	Los Banos	Highway Maintenance
MER	99	13.0	Merced	Highway Maintenance
MPA	49	44.8	Coulterville	Highway Maintenance
MPA	140	29.4	Midpines	Highway Maintenance
SJ	4	18.0	Stockton	District 10 Office
SJ	5	16.2	Stockton	Landscape Maintenance
SJ	99	30.7	Lodi	Highway Maintenance
SJ	4	18.0	Stockton	Highway Maintenance
SJ	205	6.0	Tracy	Highway Maintenance
STA	99	14.5	Modesto Electrical	Special Crews
STA	99	16.9	Modesto	Highway Maintenance
STA	5	15.9	Patterson	Highway Maintenance
TUO	120	32.7	Groveland	Highway Maintenance
TUO	108	19.0	Longbarn Crew	Highway Maintenance
TUO	049	12.0	Sonora	Highway Maintenance
Vista Points				
ALP	88	5.6	Carson Pass	Vista Point
ALP	4	3.4		Vista Point
AMA	88	63.9		Vista Point
AMA	88	52.6	Peddler Hill	Vista Point
AMA	88	59.8	Shotrock (USFS)	Vista Point
AMA	88	61.5	Devil’s Garden	Vista Point
AMA	88	63.1		Vista Point
CAL	49	5.6		Vista Point
CAL	49	0.5		Vista Point
MPA	49	3.6		Vista Point
MPA	49	9.0		Vista Point

TABLE 3-1: DISTRICT 10 FACILITIES (Continued)

CO	Route	PM	Name	Comments
MPA	49	34.6		Vista Point
STA	5	5.2	Dos Amigos	Vista Point
STA	5	3.8		Vista Point
STA	5	12.8		Vista Point
TUO	120	19.3	Don Pedro Lake	Vista Point
TUO	120	21.6	Don Pedro Lake	Vista Point
TUO	120	44.6	Rim of the World (USFS)	Vista Point
Vista Points (Continued)				
Commercial Vehicle Enforcement Facilities				
CAL	4	29.7	Murphys	Westbound (WB)
MER	5	23.4	Santa Nella	Southbound (SB)
MER	5	23.5	Santa Nella	Northbound (NB)
MER	99	0.9	Chowchilla River	NB
MER	99	32.7	Livingston	SB
TUO	108	17.2	Lyons Dam	Westbound (WB)
Safety Roadside Rest Areas				
MER	5	0.7	John "Chuck" Erreca	0.7 mi. N of Fresno Co Line
STA	5	27.2	Westley	0.9 mi. S of San Joaquin Co Line; NB & SB
STA	99	0.5	Enoch Christoffersen	NB & SB
Park And Ride Facilities				
SJ	99	31.0	Lodi	NE corner Route 12 (Victor Rd) in Lodi
SJ	12	10.3	Thornton Road	SE corner Thornton Road IC, W of Lodi
SJ	99	22.9	Hammer Lane	SW corner Hammer Lane in Stockton
TUO	120	32.2	Ponderosa Lane	11878 Ponderosa Lane in Groveland
Sand And Salt Staging Areas				
AMA	88	66.5	Mills Place	Sand and Salt Storage
AMA	88	46.5	Mudsprings	Sand and Salt Storage
MPA	49	8.0	Tip Top	Sand and Salt Storage
TUO	120	50.8	Hardin Hill	Sand and Salt Storage
Snow Storage Sites				
None				
Toll Road And Toll Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department's facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 10 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department’s owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 152, PM 2.5,11	Merced	San Luis Reservoir/O’Neill Forebay	The San Luis Reservoir/O’Neill Forebay provides a domestic water supply source for approximately 3,000 residents of the municipalities of Santa Nella and Dos Palos. The road segment is a heavily used trucking route and accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	No projects are planned for the upcoming year and no additional funding is available at this time.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). A legend is provided for Tables 5-1 and 5-2 that identifies abbreviations used for the project criteria.

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development			Construction	
										Schedule			Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	10-1A680_	AMA	0	L5718	Sutter Hill Maintenance Station - Construct New Maintenance Station - Near Sutter Hill		SWPPP	5	NA	Jul-03	Sep-05	Jul-04	Nov-05
2	B	10-46130_	AMA	49	4/6.7	Rte 49 Jackson Overlay - Ac Overlay And Widen Shoulder - In And Near Jackson From 0.1 Km S Of South Jct Rte 88 To 0.5 Km N Of Amador Central Railroad Crossing (Kp 6.4/9.2)	Jachson Creek	SWPPP	6	NA	Jul-04	May-06	Aug-06	Oct-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
3	C	10-0A660_	AMA	49	8.3/	Sutter Creek Bridge Replacement - Replace Bridge - In Sutter Creek At Sutter Creek Bridge Br# 26-0015 (Kp 13.4)	Sutter Creek	SWPPP	<5	NA	Jun-02	Apr-04	Sep-04	Nov-05
4	C	10-04993_	AMA	49	R7 / R11	Const Expressway On New Alignment "Sutter Creek Bypass, From Route 104" (Ridge Road) To 0.2 Miles South Of Rancheria Creek Bridge. (Kp R11.3/R17.7)	Sutter Creek, Rancheria Creek	401 SWPPP	34	Oct-00	Apr-02	Dec-02	May-03	Apr-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development			Construction	
										Schedule			Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
5	C	10-26444_	AMA	88	0/5.5	Jackson Valley Rehab - Roadway Rehabilitation. - In Jackson Valley From The Sj Co Line To Just West Of The Jackson Creek Br And Continue Near Jackson Valley Rd To Jct With Rte 104. "(Kp 0.0/3.6, 5.4, 8.8)"	Jackson Creek, Jackson Creek Ofl	401 SWPPP	11.2	NA	Jan-02	Jul-03	Oct-03	Nov-04

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
6	B	10-26445_	AMA	88	2.7/3.3	Jackson Valley Bridge Widening - Widening Of The Jackson Creek & Jackson Creek Overflow Bridges - In Jackson Valley From Just West Of The Jackson Creek Overflow Br To Just West Of Jackson Valley Rd.	Jackson Valley Creek	401 SWPPP	2.3	NA	Dec-04	Mar-07	Jun-07	Jul-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
7	B	10-0G550_	AMA	88	22.3/23.8	Pine Grove Improvements - Improve Operation/Bypass - On Sr 88 In Amador County From Climax Road To Mt. Zion Road Near Pine Grove. (Kp 36.2/38.4)		SWPPP	7	Jun-02	Jul-07	Jul-12	Nov-12	Oct-13
8	D	10-40640_	AMA	88	42.1/46.9	Cook's/Ham's Passing Lanes - Construct Passing Lanes And Two Way Left Turn Lane - On Route 88 In Amador County From 0.6 Km East Of Cook's Station To 2.3 Km East Of Ham's Station (Kp 67.7/75.5)		SWPPP	5	Mar-99	Jun-02	Jun-03	Dec-03	Nov-04

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
9	B	10-1A670_	AMA	88	7.1/7.7	Jackson Valley Road Realignment - Construct Left Turn Lane And Widen Shoulders. - Near Lone From 0.5 Km W To 0.5 Km E Of West Junction Of Route 104. (Kp 11.4/12.4)		SWPPP 401	11.25	Mar-01	Sep-01	Jul-03	Nov-03	Jan-05
10	D	10-35240_	AMA	88	R60.8/R67	Silver Lake Rehab - Structural Section Repair - In Amador County From 3.2 Km West Of Tragedy Springs Road To 0.3 Km East Of Kit Carson Road	Silver Lake	SWPPP	5	Jul-93	Jun-99	Dec-99	Nov-00	Jan-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
11	A	10-0G370_	AMA	104	0/2.8	Edwin Shoulders - Widening The Existing Shoulders. - In Ama Co On Rte 104 Beginning At The Ama Co Line And Ending At Dutchke Rd. (Kp 0.0/4.5)		SWPPP	6	Aug-01	Feb-06	Apr-08	Jul-08	Oct-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development			Construction	
										Schedule			Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
12	B	10-0E530_	CAL	4	10.3/16.4	Wagon Trail Expressway - Two Lane Expressway - On Sr 4 From East Of Copperopolis To Approx 6.4 Km West Of Cal-4/ Cal-49 Intersection In Altaville (Angels Camp) (Kp16.5 /26.3)		SWPPP	7	NA	Aug-07	Oct-09	Aug-10	Sep-10

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
13	A	10-0F280_	CAL	4	43.8/44.2	Big Trees State Park Wall - Construct Wall For Sediment Control - On Rte 4 Between 2 Km North Of White Pine And Big Trees State Park Entrance. (Kp 70.5 /71.1)	Big Trees Creek	401 SWPPP	1	Aug-01	Jan-07	Jan-09	Jun-09	Sep-09
14	B	10-36250_	CAL	4	R21.1/R23.4	Angels Camp Expressway - Construct 2 Lane Expressway On New Alignment - In Angels Camp From North Jct Rte 49 To 0.9 Km E Of Roller Bypass Rd. (Kp R34.0/R37.7)	Angels Creek	401 SWPPP	50	Jun-93	Jun-02	Mar-05	Oct-05	Jun-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
15	B	10-37930_	CAL	12	3/10.2	Burson Rehab - Structural Section Repair - Near Wallace From 0.8 Km E/Of Southworth Rd To 0.3 Km E/Of Rte 26 (Kp 4.8/16.4)	Mokelumne River, Bear Creek	303(d) SWPPP	40	Jun-93	Oct-02	Apr-04	Aug-04	Oct-07
16	D	10-49840_	CAL	26	7.2/8.3	Silver Rapids Curve Realignment - Curve Correction And Widen - In Cal Co Near Valley Springs At Silver Rapids Rd (Kp 11.6/13.3)	Indian Creek	401 SWPPP	17	Nov-99	Sep-01	Dec-03	Jun-04	Oct-05

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
17	B	10-0F310_	MER	5	24.9/30.3	West Bank Median Barrier - Construct Median Barrier. - "On Route In Merced County, From" West Bank Road Undercrossing To Taglio Road Overcrossing. (Kp40.2/48.8)	California Aqueduct, Delta-Mendota Canal	SWPPP	13	Sep-00	Dec-03	Mar-05	Aug-05	Dec-06
18	A	10-3A670_	MER	59	10.4/14.8	Mariposa Creek Rehab - Ac Overlay Pavement Rehab And Widening - On Sr 59 From Mariposa Creek To Northbound Sr 99 On-Ramp. (Kp 16.7/23.8)	Mariposa Creek, Owens Creek, Miles Creek	SWPPP	27	Jun-01	Dec-06	Nov-09	Jun-10	Jun-12

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	A	10-3A270_	MER	59	15.2/16.3	Black Rascal Bridge Replacement - Replace And Widen Bridges - "In Mer Co On Sr 59, At Various" Locations From Bear Creek Br To Black Rascal Bridge. (Kp 24.5/26.2)	Black Rascal Creek	401 SWPPP 303(d)	7	Sep-00	Oct-04	Mar-06	Sep-06	Dec-08
20	B	10-0E590_	MER	59	15/19	16th St./Olive Ave. Widening - Widen To 4 Lanes. - 16th St To Bellevue Avenue (Kp 24.1/30.6)		SWPPP	8	Nov-00	Apr-04	Jul-06	Jan-07	Jul-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	A	10-0F650_	MER	59	22.6/23.3	"Oakdale Road Intersection Improvement" - Intersection Improvement. - In Merced County On Route 59 At Oakdale Road Intersection. (Kp 36.4/37.5).		SWPPP	22	Jul-01	Dec-07	Jun-09	Nov-09	Sep-10
22	B	10-1A070_	MER	59	27.1/	Merced River (Snelling) Bridge Replacement - Replace Bridge (Scour) - Near Snelling At Merced River Bridge Br# 39-71 (Kp 43.7)	Merced River	303(d) SWPPP	1	Oct-97	Jul-04	Jan-05	Apr-05	Dec-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
23	A	10-0G440_	MER	59	R14.8/R19	Atwater-Merced Expressway - Construct New 4-Lane Expressway W/ Ic At Rte 99 & Sante Fe Ave.Ment. - In The City Of Merced At Sr 59/99 Interchange & From Sr 99 To Bellevue Avenue (Kp R 23.8/30.6)	Black Rascal Creek, Bear Creek, Canal Creek	SWPPP 401	60	Jun-01	Aug-10	Aug-13	Apr-14	Dec-16
24	B	10-41580_	MER	99	0/4.6	Plainsburg Rd Freeway - 4e To 6f On 8f R/W Alignment - Near Merced From Madera County Line To Buchanan Hollow Rd (Kp 0.0/7.4)	CHOWC HILLA RIVER, DUTCHMAN CREEK, SOUTH DUTCHMAN CREEK	401 SWPPP	200	Feb-99	Nov-03	Sep-06	May-07	May-10

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
25	C	10-36310_	MER	99	10.2/12.8	Mission Ave 1c/Fwy Conversion - 4e To 4f On 8f R/W Alignment - In Merced From Mc Henry Rd To 0.4 Km South Of Childs Ave Oc (Kp 17.0/20.6)	MILES CREEK, OWENS CREEK	401 SWPPP	130	May-01	May-01	Jan-04	Sep-04	Sep-07
26	D	10-2A360_	MER	99	12.7/23.7	Merced Median Barrier - Install Median Barrier - In Merced County In And Near Merced And Atwater From 0.6 Km South Of Childs Avenue Overcrossing To 0.3 Km North Of West Atwater Overhead	Bear Creek, Black Rascal Creek, Trinidad e Creek, Canal Creek, Atwater Creek	SWPPP	31	Jun-00	Jun-00	Nov-01	Apr-02	Jul-03

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
27	B	10-48100_	MER	99	13.9/14.4	East Merced Oh - Widen 15th St Uc And Replace East Merced Oh - In Merced From 0.2 Km S Of East Merced Oh To 0.2 Km N Of 15h St Uc (Kp 22.4/23.2)		SWPPP	5	Aug-01	Aug-03	Oct-05	Aug-06	Nov-08
28	C	10-48060_	MER	99	16.5/16.7	West Merced Oh - Replace Structures - In Merced At West Merced Oh Br# 39-131r/L (Kp 26.6/26.9)	BEAR CREEK, BLACK RASCAL CREEK	SWPPP 401	6	NA	Jul-04	Oct-04	Feb-05	Dec-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
29	C	10-0A520_	MER	99	23.8/26.5	Atwater/Livingston Fr - Close Median Cross Over And Construct Frontage Rd. - In Merced County Between The Cities Of Livingston And Atwater Adjacent To Route 99 From Wedel Street To 0.4 Km South Of Arena Way. (Kp 38.3/42.7)		SWPPP	44	Oct-97	Mar-02	Mar-04	Aug-04	Dec-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
30	C	10-41480_	MER	99	23.8/26.5	Atwater Freeway - Convert 4-Lane Expressway To 6-Lane Freeway. - In Merced County Near The City Of Atwater On Rte 99 From 0.4 Km North Of Atwater Overhead To 0.4 Km South Of Arena Way. (Kp 38.3/R42.7)		SWPPP	69	Jul-91	Mar-02	Mar-04	Oct-04	Dec-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
31	D	10-31696_	MER	99	26.8/28.6	Livingston Fwy Stage 2 - 4e To 6f On 8f R/W Alignment - In Merced County Near The City Of Livingston On Route 99 From 0.4 Km South Of Arena Way To 0.4 Km South Of Hammatt Avenue. (Kp 42.0/R46.3)		SWPPP	62	NA	Dec-01	Mar-03	Oct-03	Dec-05
32	B	10-41570_	MER	99	4.6/10.5	Arboleda Dr Fwy - 4e To 6f On 8f R/W Alignment - Near Merced From Buchanan Hollow Rd To 0.5 Km S Of Healy Rd (Kp 7.4/17.7)	DEADMAN CREEK, MARIPOSA CREEK, DUCK SLOUGH	401 SWPPP	350	NA	Nov-03	Sep-06	May-07	May-10

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
33	D	10-2A50U_	MER	99	R28.2/R36.4	Livingston/Delhi Freeway Planting - Highway Planting And Irrigation - In Merced County In And Near Livintston And Delhi At Various Locations	Merced River	SWPPP	9.5	NA	Oct-00	Jun-01	May-02	May-06
34	D	10-0A580_	MER	140	27/30.2	Applegate Rehab - Rac Overlay And Widen Shoulder - Near Merced From Mc Swain Rd Left To 1.2 Km E Of Applegate Rd (Kp 43.4/48.6)	Mid Irrigation Canals	401 SWPPP	5	May-97	Aug-97	Mar-02	Feb-03	Dec-03

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
35	B	10-41910_	MER	152	17/24	Los Banos Bypass - 4 Lane Freeway (Los Banos Bypass) - From Ramos Road To Santa Fe Rd (Los Banos Bypass)		SWPPP	150	Nov-98	Jan-04	Jul-07	Feb-08	Jan-12
36	B	10-3A680_	MER	152	R22.8/R40.8	San Luis Canal Cap M - Capm On Eastbound Pcc Lanes ""(Grinding)"" - In And Near Los Banos From San Luis Canal To San Juan Canal And From Lodi Rd To Willis Road. (Kp R36.75/R65.58)	Rita Slough	SWPPP	84	Sep-00	Jan-04	Dec-04	Aug-05	Feb-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
37	B	10-27980_	MER	165	11.7/26.9	Wolfsen Rehab - Ac Overlay And Widen Structures - Near Los Banos From Henry Miller Rd To Rte 140 (Kp 18.8/43.2)	San Joaquin River Bridge/O verflow, Salt Slough	401 SWPPP	>5	NA	Jul-03	Mar-05	Oct-05	Dec-06
38	B	10-38150_	MER	165	26.9/30	Stevinson Rehab - Ac Overlay And Digouts - Near Stevinson From Rte 140 To 0.2 Km S Of Westside Blvd Right (Kp 43.2/48.3)	East Side Irrigation Canal	401 SWPPP	44	Jul-93	Oct-02	Oct-04	Mar-05	Mar-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
39	C	10-38220_	MER	165	L0/L1 1.7	Henry Miller Rehab - Rehabilitate The Existing Asphalt Concrete Roadway. - Near Los Banos From Rte 5 To Henry Miller Rd (Kp L0.0/18.8)	Outside Canal, Main Canal	SWPPP	20	Sep-00	Jul-02	Mar-04	Oct-04	Oct-05

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
40	C	10-1A840_	MPA	49	17.1/17.5	Old Highway Intersection And Bridge - Realign And Bridge - "On Sr 49, In Mariposa County Near" Mariposa From 2.6 Km South Of Junction For Sr 49 And Sr 140 To 0.1 Km North Of Stockton Creek "Bridge"	Mariposa Creek, Stockton Creek	401 SWPPP	6	Jun-01	Jan-03	Jan-04	Jul-04	Oct-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
41	A	10-0E480_	MPA	140	0/5.9	Miles Creek Improvements - Improve Roadway Alignment And Construct Shoulders. - From Merced County Line To 1.1 Mile West Of Old Highway. (Kp 0.0/9.5)	Miles Creek	401 SWPPP	35	Jun-00	Oct-09	Jul-15	Jan-13	Oct-16

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
42	B	10-0E800_	MPA	140	50.9/51.2	Route 140 - Slope Repair - Repair Undermined Concrete Rock Slope Protection. - "In Mariposa Co On Sr 140, Adjacent" To Merced River And Approximate 1.1 Km West Of Yosemite National Park Boundary. (Kp 81.9/82.4)	Merced River	401 303(d) SWPPP	30	Aug-01	Oct-04	Jul-06	Jan-07	Jan-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
43	D	10-3A930_	SJ	4	R17.9/R19.5	Crosstown Fwy Planting li - Highway Planting - In And Near Stockton On Rte 4 From Wilson Way To Rte 99 And On Rte 99 From 0.2 Km N Of Main St To 0.1 Km S Of Rte 26 (Kp 28.3/31.3) (28.6/30.9)		SWPPP	5.9	NA	Apr-01	Mar-02	Mar-03	Jul-05

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
44	B	10-28320_	SJ	4	R8.1/R14.3	Bacon Island Rehab - Pavement Rehabilitation - Near Stockton From 0.2 Km E Of Bacon Island Rd To San Joaquin River Bridge Br# 29-50 (Kp R13.0/T23.0)		SWPPP	5	Oct-99	Jun-02	Mar-05	Sep-05	Sep-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
45	B	10-0E490_	SJ	5	22.1/23.6	French Camp/Sperry Road - Modify/Reconstruct - "On Interstate 5, In Stockton, In" Sj County From 0.6 Km South Of French Camp Rd Interchange To Downing Ave Interchange. (Kp 35.6/38.1)	French Camp Slough	SWPPP	5	Jun-03	Dec-04	NA	NA	NA
46	C	10-3A260_	SJ	5	26.5/27	Channel Viaduct Rehab - Rehabilitate Bridge - In Stockton At Stockton Channel Viaduct Br# 29-176 L/R (Kp 42.6/43.4)	Stockton Channel Viaduct	303(d) SWPPP	1	Mar-01	Mar-01	Jul-03	Dec-03	Aug-05

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
47	D	10-44480_	SJ	5	28.1/28.4	Monte Diablo Auxiliary Lane - Lane Addition And Bridge Widening. - In Stockton From Monte Diablo On-Ramp To Country Club Off-Ramp	Smith Canal	SWPPP	0.5	NA	Mar-01	Nov-02	Mar-03	Jul-03
48	A	10-0G470_	SJ	5	28.5/35.6	West Stockton Widening - Widen From 6 Lanes To 8 Lanes. - On Interstate 5 In Sj County From Country Club Boulevard To 0.5 Km North Of Eight Mile Road. (Kp 45.9/57.3)	14 Mile Slough, Calaveras River, Smith Canal, Bear Creek	SWPPP	5	Sep-01	Jul-07	Jul-10	May-11	Oct-15

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
49	B	10-43430_	SJ	5	35.1/35.5	Eight Mile Road/ I-5 Interchange - Eight-Mile Road Ge (100% Local) - North Of Stockton From 0.5 Mile South Of To 0.5 Mile North Of Eight Mile Road Undercrossing		SWPPP	5	Dec-93	Jul-03	NA	NA	NA
50	D	10-2A590_	SJ	5	R13.1/R3 5.3	Stockton I5 Median Barrier - Construct Median Barrier - In San Joaquin County In And Near "Lathrop, French Camp And Stockton" At Various Locations	San Joaquin River, Paradise Cut	SWPPP	5	Sep-00	Sep-00	Mar-01	Jan-02	Aug-03

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
51	B	10-3A120_	SJ	5	R13.9/R15.6	Mossdale Widening - Widen Northbound 1-5 - Near Stockton From 0.1 Km N Of Paradise Cut Overflow Bridge To 0.7 Km N Of Rte 120 Northbound On Ramp To Rte 5 (Kp R22.4/R25.1)	San Joaquin River	401 303(d) SWPPP	3	Sep-00	Nov-03	Feb-04	Jun-04	Dec-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
52	D	10-2A680_	SJ	5	R22.5/R32.7	I-5 Slab Replacement - Slab Replacement - In San Joaquin County In And Near Stockton From French Camp Slough Bridge To Hammer Lane Undercrossing		SWPPP	5	May-01	Oct-01	Feb-02	Apr-02	Jul-03

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
53	D	10-49940_	SJ	5	R23.9/R26.5	Route 4/5 Freeze Replacement - Highway Planting And Irrigation - In San Joaquin County In Stockton From Walker Slough Bridge To Stockton Channel Viaduct Bridge And From Fresno Avenue To Center Street	Walker Slough, Stockton Channel	SWPPP	<5	NA	May-99	Nov-99	Jun-00	Jul-04

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
54	C	10-0A840_	SJ	12	.1/ 10.1	Bouldin Island Passing Lanes - Add Passing Lanes At 2 Locations And Widen Shoulders From Mokelumne - Near Terminus From Sacramento County Line To Rte 5 (Kp 0.2/16.3)	Mokelumne River	401 303(d)	37	Sep-97	Jan-03	Sep-03	Oct-04	Oct-07
55	B	10-49900_	SJ	26	15.3/ 15.9	Bellota Curve Correction - Realign Existing Curve - From 0.6 Km To 1.4 Km E Of Escalon Bellota Road. (Kp 24.6/25.6)	Calaveras River, Duck Creek,	401 SWPPP	4	Feb-01	Apr-04	Nov-04	Apr-05	Nov-05

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
56	B	10-0E380_	SJ	26	17.9/20.1	Wimer Curve Correction #2 - Curve Correction - On Route 26 From 1.4 Km West Of Sandstone Creek Bridge To 0.3 Km West Of Wimer Road In Sj Co. (Kp 28.8/32.4)	Sandstone Creek	SWPPP	6	Sep-00	Oct-04	Mar-06	Oct-06	Jan-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
57	B	10-2A420_	SJ	26	20.3/20.5	Savage Way Rehab - Pavement Rehabilitation - On Rte 26 In Sj Co From Ospital/ Wimer Rd To The Calaveras Co Line & In Calaveras Co From The Sj Co Line To Savage Way. (Kp 0.0/4.9).		SWPPP	37	Aug-99	Jan-04	Mar-06	Jun-06	Aug-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
58	B	10-27920_	SJ	88	5.1/12.3	Stockton Rehab - "Rehabilitate Roadway, Replace" Structures And Widen Shoulders - Near Stockton From 0.3 Km N Of Comstock Rd To West Jct Rte 12 (Kp 8.2/L19.3)	Calaveras River, Bear Creek, Bear Creek Overflow	401 SWPPP	5	Oct-97	Feb-05	Aug-07	Dec-07	Oct-09
59	D	10-1A700_	SJ	99	14.1/15	Arch Road - Construct Interchange - In San Joaquin County In And Near Stockton From 0.9 Km South To 1.1 Km North Of Arch Road Overcrossing	New Weber Slough, Little John Creek	401 SWPPP	14.6	Aug-00	Aug-00	Jul-01	May-02	Jan-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
60	B	10-3A100_	SJ	99	15/18.6	South Stockton 6-Lane - Widen To 6 Lanes - In San Joaquin Co And In Stockton From 0.6 Km N/Of Arch Rd To 0.2 Km S/Of Rte 4 West. (Kp 24.1/29.9) (Pa&Ed Only)	Duck Creek	401 SWPPP	21	Jun-00	Aug-06	Nov-10	Aug-11	Nov-15

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
61	B	10-3A430_	SJ	99	17.1/25.4	Stockton 99 Median Barrier - Construct Median Barrier Single Concrete And Thrie Beam - On Sr 99 From 0.5 Km North Of Sto Oc To Mormon Slough And From Hammer Lane Oc To Eight Mile Road Oc. (Kp 27.6/28.6)(36.9/40.9)	Morman Slough, Mosier Slough	SWPPP	4	Sep-00	Oct-03	Oct-04	May-05	Nov-09

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
62	B	10-0C880_	SJ	99	20.1/34.7	Peltier Rd Landscape - Upgrade Planting And Irrigation - In And Near Stockton And Lodi At Various Locations From 0.3 Km S Of Rte 88 To 0.3 Km N Of Peltier Rd (Kp 32.3/55.8)	Calaveras River, Mokelumne Aqueduct	303(d) SWPPP	5.6	Sep-00	Mar-04	Jul-05	Mar-06	May-08
63	A	10-44550_	SJ	99	21.1/22.1	March Lane - Construct New Interchange (Meas K) - In Stockton From Calaveras River Underpass To Calaveras River Overcrossing Bridge #29-95	Calaveras River	SWPPP	6	Apr-00	Jul-08	Jul-09	Jan-10	Apr-15

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development			Construction	
										Schedule			Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
64	C	10-44560_	SJ	99	22.8/23	Hammer Lane - Reconstruct Ic (Meas K) - North Of Stockton From 0.1 Mile South Of To 0.1 Mile North Of Hammer Lane Overcrossing (#29-96) (Kp36.7/37.0)	Calaveras River, Diverting Canal	SWPPP	5	NA	Jun-02	Feb-03	Oct-03	Oct-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
65	B	10-0F300_	SJ	99	25.4/28.7	Bear Creek Median Barrier - Construct Single Concrete And Thrie Beam Median Barrier. - On Rte 99 From The Bear Creek Br To The End Of The Existing Type 60 Barrier Near South Lodi Overcrossing. (Kp 40.9/46.2).	Bear Creek	SWPPP	6	Aug-00	Sep-05	Mar-06	Aug-06	Nov-11

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
66	A	10-0E610_	SJ	99	5.3/15	Manteca 6-Lane - Widen To 6 Lanes - "In Manteca, In San Joaquin County" From Sr 120 West Interchange To 0.6 Km Norht Of Arch Road. (Kp 8.5/24.1)	Lone Tree Slough, French Camp Slough, Little John Creek	SWPPP	5	Sep-01	Jul-08	Jan-13	Jul-13	Jul-17
67	C	10-3A090_	SJ	99	6.4/7	Manteca 99/120 E Widening - Reconstruct Interchange - In Manteca At Rte 99/120 East Separation And Yosemite Ave (Kp 10.3/11.3)		SWPPP	5	Jun-00	Oct-02	Sep-03	Jul-04	Aug-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
68	D	10-0A740_	SJ	120	9.4/16.6	Manteca Ac Overlay #2 - Ac Overlay And Widen Shoulder - Near Manteca From 0.9 Km E Of Jack Tone Rd To 0.1 Km E Of Irwin Ave (Kp 15.1/26.7)		SWPPP	9.2	Jun-00	Jun-00	Dec-02	Jun-03	Oct-04
69	B	10-0A510_	SJ	132	5.8/7.1	Vernalis Expressway - Construct New 2-Ln Expressway. - In San Joaquin & Stanislaus Co's From Rte 33/132 Separation Oh To San Joaquin River Bridge (Kp 9.4/11.5) (Kp 0.0/R3.9)	San Joaquin River	SWPPP	10	Dec-97	Jul-04	Jul-06	Oct-06	Oct-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
70	B	10-0G490_	SJ	205	L0/L1.2	Ultimate 205/580 Truck Bypass - Construct Westbound Truck Bypass Route. - "Along I-205, In Both Sj Co From" Wb Mountain House Parkway "(Patterson Pass Rd), And In Alameda" Co To 3 Km W/Of The Wb Grant Line "Rd(Kp0.0/19.3),(Kp0.0/5.95)"	CALIFORNIA AQUEDUCT, DELTA-MENDOTA CANAL	401 SWPPP	180	Jun-01	Jul-07	Dec-09	Dec-10	Dec-13

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
71	C	10-47080_	SJ	205	L0/L1.4	580/205 Truck Bypass - Construct 580/205 Truck Bypass. 580/205 Truck Bypass - In Alameda County On Rte 580 From County Line To 1.5 Km W Of Grant Lane Rd Uc And On Rte 205 From Calif Aqueduct To Rte 580/205 Jct (Kp 0.0/2.3) (Kp L0.0/0.4)		SWPPP	5	Sep-95	Dec-02	Mar-03	Jul-03	Dec-04

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
72	C	10-30016_	SJ	205	R3/R13.6	Tracy Widening Stage Ii & Iii - Widen 4 Ln To 6 Ln Fwy - In Tracy From Old U. S. 50 Overcrossing To Route 5. (Kp R4.8/R21.9)	Tom Paine Slough, Paradise Cut	SWPPP	5	Nov-91	Jan-03	Jan-04	Jul-04	Jul-06
73	D	10-0g200_	STA	4	R1.6/	Rock Creek Bridge Scour - Scour Protection - Rock Creek Bridge Br #38-0040 (Kp 2.7)	Rock Creek	401 SWPPP	2	NA	Jan-04	Aug-04	Apr-05	Dec-05
74	B	10-2A770_	STA	99	11.9/	Rte 99/Whitmore Ave Interchange - Reconstruct Ic - On Route 99 In City Of Ceres At Whitmore Oc. (Kp 19.1)		SWPPP	57	Jun-01	Jul-01	Jul-04	Feb-05	Jul-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
75	B	10-0F730_	STA	99	15/23.3	Modesto/Salida Planting Rehab - Highway Planting. - In Sta Co In And Near The Cities Of Modesto And Salida On Sr 99 At Various Locations From Tuo River Br To 1.1 Km North Of Rte 219. (Kp 24.1/37.8)	Tuolumne River	303(d) SWPPP	4.4	Sep-00	Apr-04	Apr-05	Nov-05	Jul-10

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
76	B	10-1A690_	STA	99	9.7/10.9	Mithcell RD/SERVICE RD INTERCHANGE - MODIFY INTERCHANGE - "ON RTE 99 IN CERES, IN STANISLAUS" COUNTY FROM 0.5 KM SOUTH TO 1.0 KM NORTH OF MITCHELL ROAD (KP 15.6/17.5)		SWPPP	5	Nov-02	May-03	NA	NA	NA

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
77	B	10-0F720_	STA	99	R9.9/R15	South Modesto Planting Rehab - Highway Planting. - South Of Mitchell Rd To 9 Tuolumne River. (Kp15.9/24.1)	Tuolumne River	303(d) SWPPP	3.7	Sep-00	Jul-04	Jul-05	Jan-06	May-10
78	B	10-3A410_	STA	108	27.6/37.3	Riverbank Oakdale Widening - Widen To Four Lanes With Continuous 2way Left Turn Lane - In And Near Modesto From Rte 219 To Oak Ave In The City Of Oakdale (Kp 44.4/60.0)	HETCH-HECHEY CANAL	401 SWPPP	65	Mar-99	Jul-04	NA	NA	NA

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
79	C	10-34540_	STA	120	3/12.9	Oakdale Expressway - Reconstruct Interchange - 0.1 Mile West Of Valley Home Road To 2.8 Mile East Of Lancaster Road (Oakdale Bypass) (Kp 4.5/R20.8)	Coyote Creek, Lesnini Creek, Stanislaus River	401 303(d) SWPPP	380	NA	Oct-02	Mar-04	Jun-03	Nov-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
80	D	10-28120_	STA	120	4.2/6.1	Oakdale Roadway Repair - Structural Section Repair. - Near Escalon On Rte 120 From Stanislaus River Bridge To Magg Ave And On Rte 108 From Oak Ave To Rte 120. (Kp 4.8/9.5 - 60.2/61.5)	Stanislaus River	SWPPP	6	NA	Dec-02	Jul-03	Feb-04	Oct-04

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acerage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
81	D	10-27882_	STA	132	13/15	Modesto/132 Roadway Repairs - Resurface Asphalt Concrete - In Stanislaus County In And Near Modesto From 1.2 Km West Of Carpenter Road To 9th Street		SWPPP	15	Jun-00	Jun-00	Jun-02	Oct-02	Dec-03
82	B	10-3A110_	STA	132	17.7/19.7	Rte 132 4-Lane Widening - Widen Highway To 4-Lanes With Continuous Turn Lane. - Near Modesto From Riverside Dr To Frazine-Codoni Rd (Kp 28.5/31.7)		SWPPP	35	NA	Apr-03	Jun-05	Oct-05	Nov-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
83	A	10-43160_	STA	132	19.6/20.8	Empire Separation - Construct Railroad Grade Separation - In Empire From Frazine-Codoni Road To Leek/Root Road (Kp 31.6/R33.6)		SWPPP	5	Feb-00	Oct-07	Sep-12	May-13	Nov-16
84	B	10-3A650_	STA	132	L14.9/L16.8	Modesto 132 Rehab - Route 132 Rehab & Intersection Improvements - In Modesto From L St To San Juan Drive. (Kp L24.1/L27.1)	Dry Creek	401 SWPPP	2	Aug-99	Mar-03	Jul-05	Oct-05	Oct-06

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
85	B	10-40350_	STA	132	R11.1/R14.7	Route 132 Expressway - Construct 4 Lane Expressway On New Alignment And Soundwall - In Modesto On Rte 132 From Nebraska Ave To Rte 99 And On Rte 99 From Rte 132 To Kanas Ave (Kp R18.2/R23.7) (Kp R25.9/R27.2)	Canal	SWPPP	67	Jul-93	Dec-03	Jul-06	Feb-07	Dec-08

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
86	C	10-0A870_	STA	219	.1/4.9	Rte 219 4-Lane Widening - Widen To 4 Lanes And Intersection Improvements - In Stanislaus Co From Route 99 To Route 108 In And Near Modesto. (Kp 0.2/7.8)		SWPPP	5	Oct-97	Jun-02	Feb-05	Nov-05	Dec-07
87	D	10-3404U_	TUO	108	R1.8/R4.6	East Sonora I & Hess Ave Ic - Widen Existing Highway - In Tuolumne County Near Sonora From 0.3 Km West Of Sanguinetti Overhead To 0.5 Km East Of Standard Road		401 SWPPP	75	NA	NA	Mar-01	Jul-01	Jul-07

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
88	C	10-34042_	TUO	108	R4/R6	East Sonora li - Construct Stage 2 Of Sonora Bypass - Near Sonora From 0.8 Km W Of Standard Rd To Via Este (Kp R6.4/R9.7)	Alerine Creek, Phoenix Ditch	SWPPP	40	NA	Jul-99	Dec-05	Sep-06	Mar-08
89	A	10-3A730_	TUO	120	12.1/15.5	Chineses Camp Rehab - Rehab-Widen Shoulder And Ac Overlay - On State Route 120 In Tuo Co From Yosemite Junction To Junction 49. (Kp 19.5/24.9)		SWPPP	10.00	Jul-01	Jul-09	Sep-10	May-11	Sep-12

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (CONTINUED)

NA Not Available

Criteria

SWPPP greater than 5 acres of land disturbance
303d 303(d) listed
401 401 Cert,

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)					
Maintenance Facility and Activity Inspections					
Peddler Hill, Modesto, and Stockton Maintenance Facilities are scheduled for annual inspections by the District Maintenance Storm Water Coordinator.					
Four Maintenance Activities are scheduled for review, included are paving, shoulder backing, crack sealing, and vegetation spraying.					
Maintenance Facility BMP Improvements					
Material Storage Bin Canopies are scheduled for Tracy, Patterson, Modesto, Pine Grove MS					
Drain inlet silt traps scheduled for installation in Woodfords, Pine Grove, Longbarn MS					
Maintenance BMP Actions/Modifications					
Shoulder maintenance improvements					
Vactor waste disposal					
Snow and Ice removal					
Road Grinding Reuse					
Vegetation Management and Vegetated Slope Management					
Vegetation Control Plan: The District 10 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:					
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing Program 					
Districts will provide the VCP for FY 2003/04 to the RWQCB by May 15, 2003.					
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.					
	Route/PM	County	Inspection Schedule	Remediation Action Planned	
Vegetated Slope Inspection	I-5	SJ, Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	99	SJ, Stan, Mer	FY 2002	None	
Vegetated Slope Inspection	580	SJ	FY 2002	None	

(1) Major road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

(2) Criteria

SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body with project limits and affected by project
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Maintenance: <ul style="list-style-type: none"> • On-going training on storm water issues will be provided to crews through the BMP Tailgate meetings every ten days or change of activities. • Six hour SW training given to the Maintenance Crews through Superintendent including shop personnel and field mechanics • Two-day training seminars are planned for each of the District maintenance and construction supervisors.
Construction: For FY 03/04 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 02/03 and new hires. New training modules will be developed for Phase II permit changes and Sampling and Analyses requirements.
Adopt-A-Highway: The Department's Adopt-A-Highway program is a continual reminder to participants and to the public of pride in their public property and of the unacceptability of proliferation of litter.
Pending Headquarters approval and disbursement of funds, the Central Region will: 1) develop and distribute five distinctive storm water pollution prevention informational fact sheets to be utilized for MS4 coordination and public education activities; one fact sheet will be developed and distributed to address the unique water quality challenges presented by each RWQCB office within the Central Region; 2) develop content for, and purchase a portable storyboard to be used for presentations and static displays for permit-related public education efforts; and 3) purchase three notebook computers and two portable digital projectors to be used for permit-related training, presentations, MS4 coordination, and other activities where computing portability is necessary to achieve permit compliance.
Municipal Coordination
District 10 participates in cooperative meetings with municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training. The District 6 storm water coordinator also participates in the California Stormwater Quality Association
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees.
See Training and Public Outreach above for additional planned municipal coordination activities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICTS

2 AND 3

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 2 & 3

LAHONTAN REGION 6

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 2 & 3

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

LAHONTAN REGION 6
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region 6**

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)]



Brian Crane, District Director

Feb. 24, 2003

Date

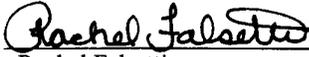
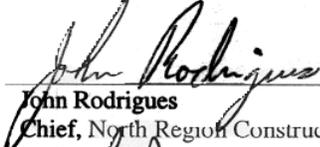
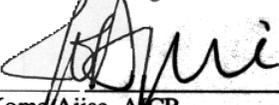
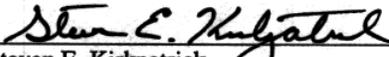
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 2

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Lahontan Region 6

April 1, 2003

California Department of Transportation District 2

 Shirley Choate Deputy District Director Program/Project Management	2-24-03 Date
 Russell Wenham Deputy District Director Maintenance & Operations	2-21-03 Date
 Rachel Falsetti Acting Deputy District Director Planning	2-21-03 Date
 John Rodrigues Chief, North Region Construction	2/20/03 Date
 Kome Ajise, ACP Chief, North Region Environmental	2/18/03 Date
 Steven E. Kirkpatrick Chief, North Region Design & Engineering Services	2/19/03 Date
 Gary R. Horn Chief, North Region Right of Way	2-21-03 Date

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 3

Certification
Regional Work Plan 2003/2004

California Regional Water
Quality Control Board
Lahontan Region 6

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)]



Jody Lonergan, District Director

2/14/03

Date

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 3

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Lahontan Region 6

April 1, 2003

California Department of Transportation District 3


Steven E. Kirkpatrick
Chief, North Region Design & Engineering Services

2/18/03
Date


John Rodriguez
Chief, North Region Construction

2/26/03
Date


Steve Talegawa
Deputy District Director Maintenance

2/20/03
Date


Kome Ajise, AICP
Chief, North Region Environmental

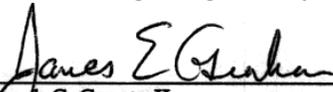
2/18/03
Date


James E. Davis
Acting Chief, Program/Project Management

2/21/03
Date


Gary R. Horn
Chief, North Region Right of Way

2-21-03
Date


for Joseph C. Caputo II
Acting Deputy District Director, Traffic Operations

2/21/03
Date

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Department’s Districts 2 and 3 fall within the jurisdiction of the North Coast Regional Water Quality Control Board (NC-RWQCB) An organization chart for North Region Storm Water responsibilities is shown in Figure 2-1. Staff responsible for implementing the SWMP within the NC-RWQCB jurisdiction are listed in Table 2-1. Delegation of signatory authority for key Permit / SWMP required documents is included as Table 2-2.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all North Region Environmental employees.
Jeff Pizzi	Chief, North Region Office of Storm Water Management	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all Office of Storm Water Management employees within Districts 1, 2, & 3.
Jennifer Fountain	North Region Administrative Ast.	(530) 634-7798	jennifer_fountain@dot.ca.gov	Primary contact for all administrative duties.
Chris Holm	North Region District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
Ted Schultz	North Region District 2 NPDES Coordinator	(530) 225-4640	ted_schultz@dot.ca.gov	Primary contact for all District storm water issues.
John Holder	North Region District 3 NPDES Coordinator	(916) 274-0567	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Design Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Kirk Carrington	North Region Construction Storm Water Coordinator – South East Area	(530) 582-9129	kirk_carrington@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Clark Davis	North Region Construction Storm Water Coordinator – South Area	(707) 744-2090	clark_davis@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

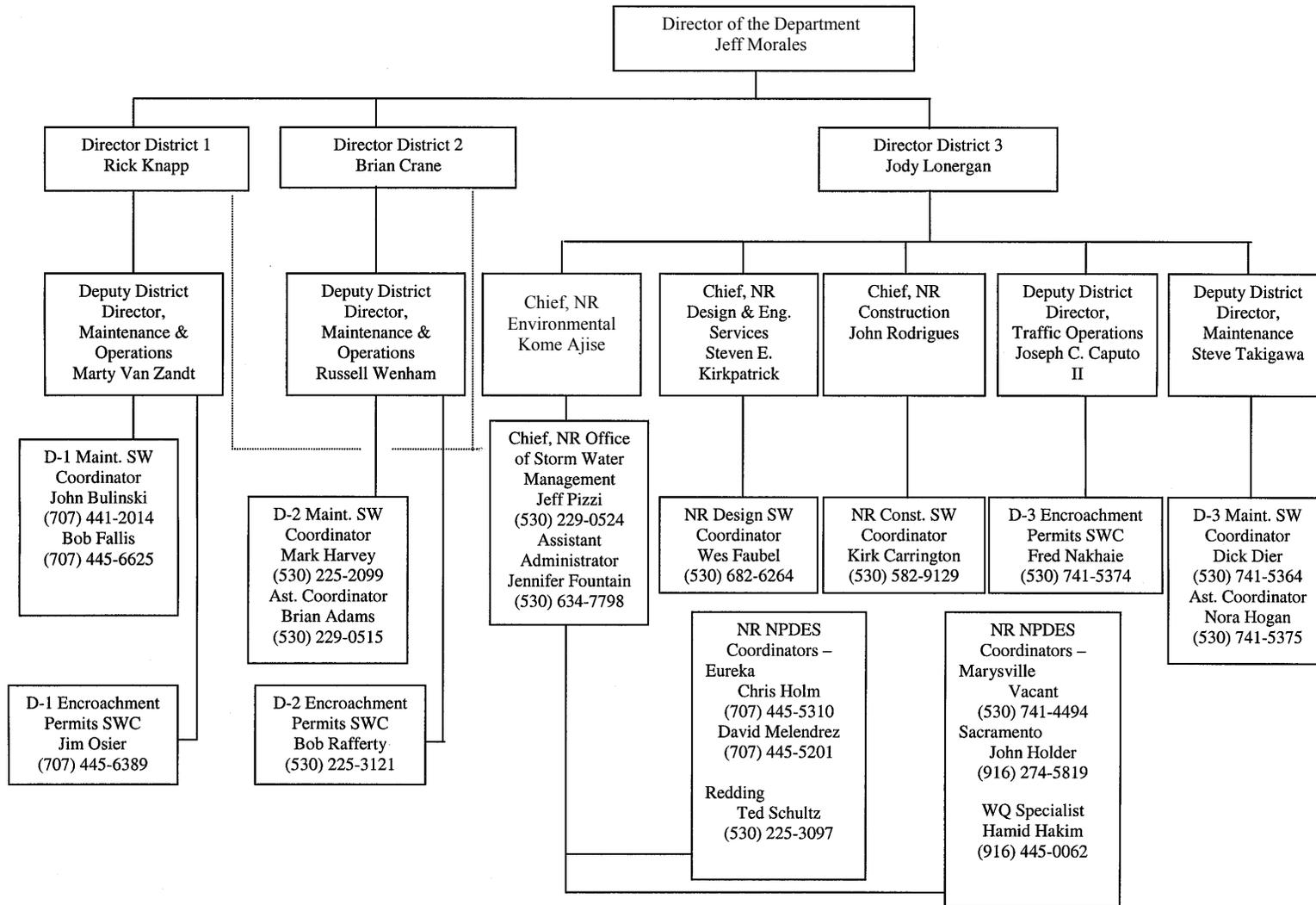
TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES (Continued)

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Brian Adams	District 2 Assistant Maintenance Storm Water Coordinator	(530) 229-0515	brian_adams@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Bob Raffety	District 2 Encroachments Permits Storm Water Coordinator	(530) 225-3121	bob_raffety@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees.
Dick Dier	District 3 Maintenance Storm Water Coordinator	(530) 741-5364	dick_dier@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Nora Hogan	District 3 Assistant Maintenance Storm Water Coordinator	(530) 741-5375	nora_hogan@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Fred Nakhaie	District 3 Encroachments Permits Storm Water Coordinator	(530) 741-5374	fereydoon_nakhaie@dot.ca.gov	Provides NPDES guidance to District 3 Encroachment Permits staff and permittees.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
District Director	All District Documents
Deputy District Directors/NR Program Chiefs	All District Documents
Chief, North Region Office of Storm Water Management	All District Documents except Annual Work Plan
North Region NPDES Coordinators	All District Documents except Annual Work Plan
Construction Storm Water Coordinators	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Storm Water Coordinators, Managers and HazMat Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Permit Storm Water Coordinators	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction Engineer/Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Facility Supervisor	Facility Pollution Prevention Plans (FPPP)



**Figure 2-1
Organizational Chart**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District boundaries, major roads and highways within the Lahontan Regional Water Quality Control Board jurisdiction are presented in the accompanying figures.

TABLE 3-1: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
Las	36	026.0	Susanville	Highway Maintenance
Las	44	14.50	Bogard	Sand & Salt Storage
Las	44	36.90	Junction 36/44	Sand & Salt Storage
Las	70	3.60	Hallelujah Jct.	Sand & Salt Storage
DISTRICT 2 - VISTA POINTS				
Las	139	23.0	Eagle Lake	Vista Point
Mod	299	50.3	Cedar Pass	Vista Point
Mod	299	52.0	Cedar Canyon	Vista Point
Mod	299	54.9	Cedarville	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None				
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Las	44	14.5	Bogard	28 mi. NW of Susanville
Las	395	96.5	Secret Valley	12 mi. S of Ravendale
Mod	395	82.5	Honey Lake	7.7 mi. N of Milford
DISTRICT 2 - PARK AND RIDE FACILITIES				
Las	395	52.6	Janesville	0.3 m N County Road A3
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

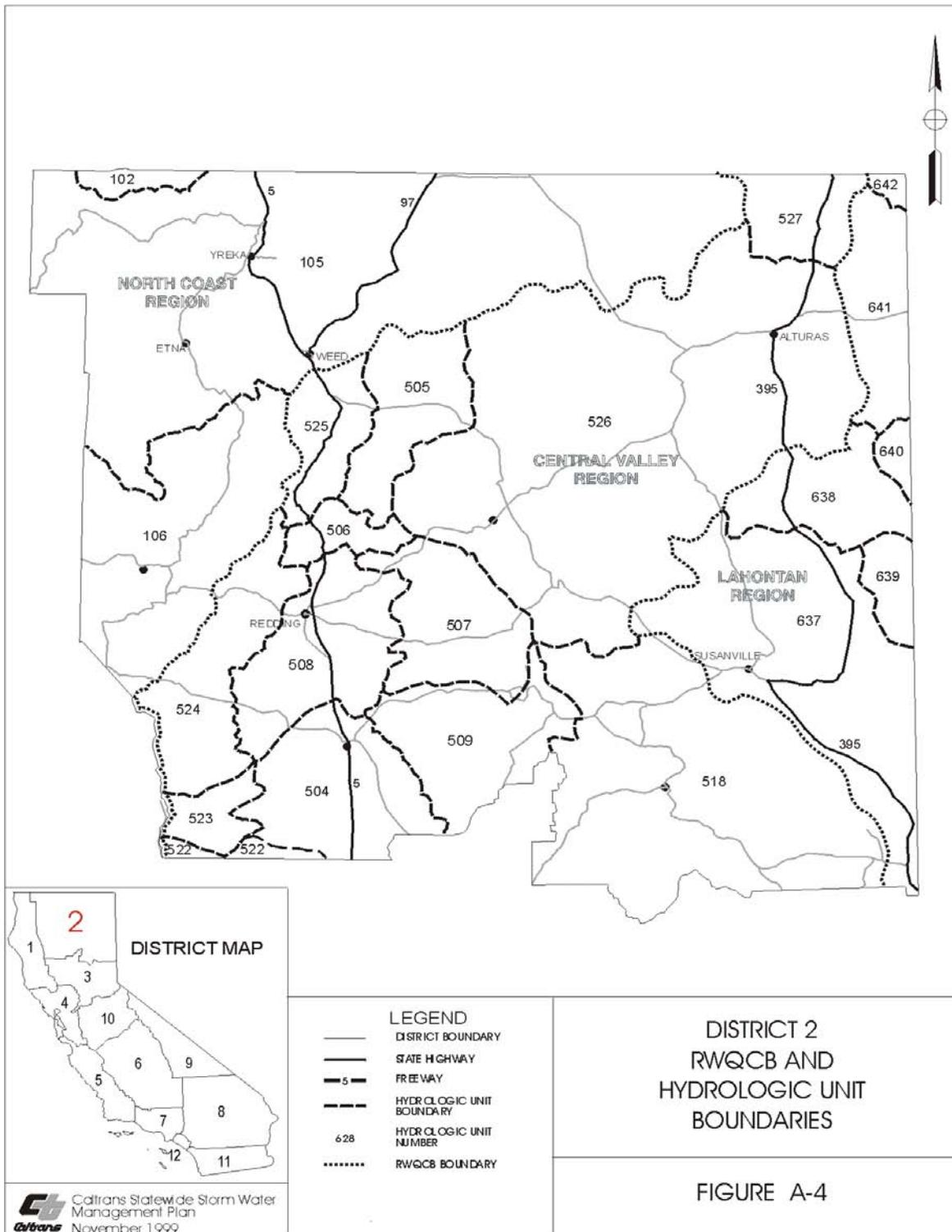
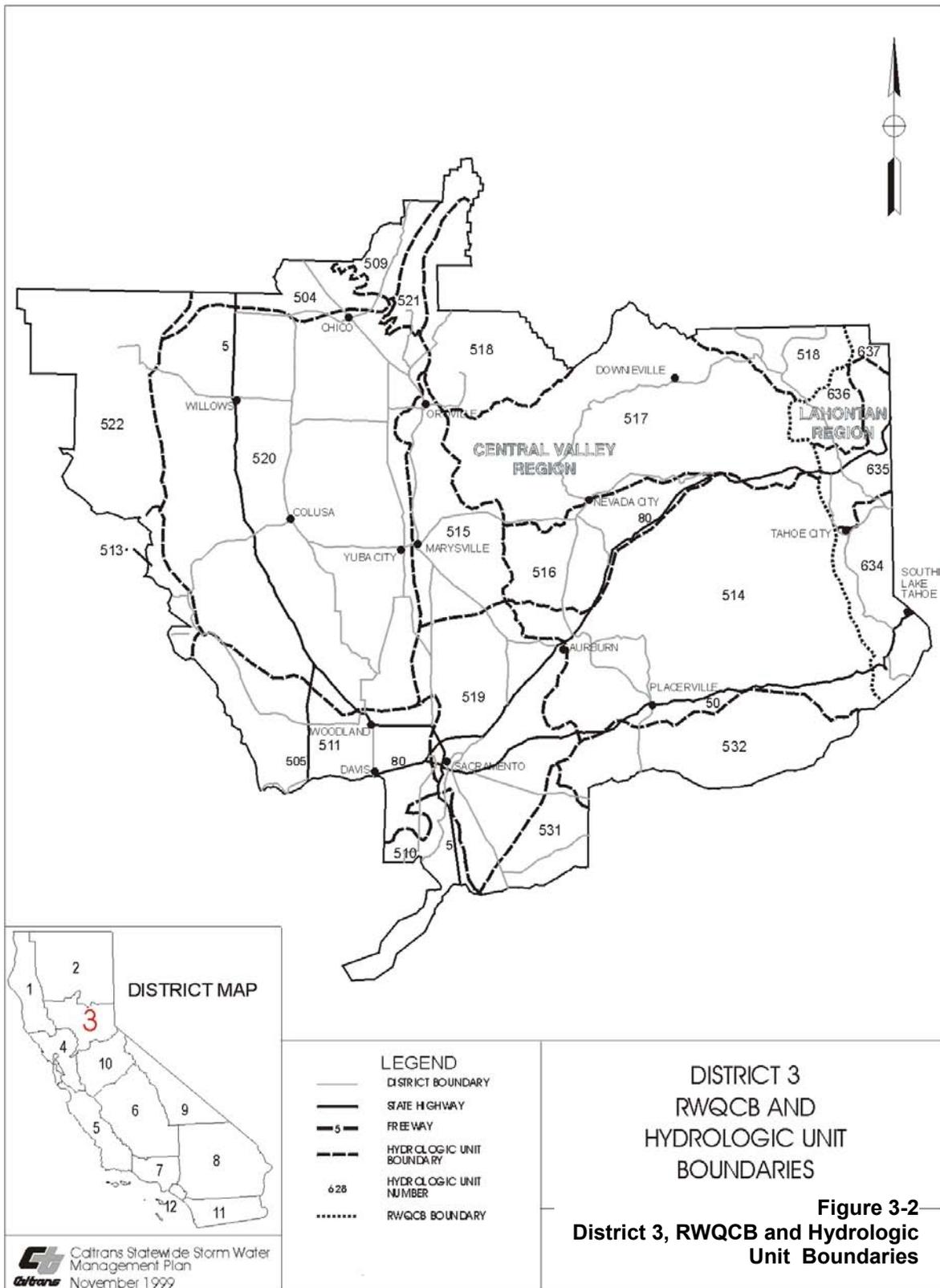


Figure 3-1
District 2, RWQCB and Hydrologic Unit Boundaries

TABLE 3-2: DISTRICT 3 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
DISTRICT 3 - MAINTENANCE STATIONS				
ED	50	48.7	Kyburz	Highway Maintenance
ED	50	66.70	Echo Summit	Satellite
ED	89	8.2	So Lake Tahoe	Highway Maintenance
NEV	80	27.40	Floriston	Sand and Salt Storage
NEV	267	0.6	Truckee	Highway Maintenance
PLA	89	8.9	Tahoe City	Highway Maintenance
ED	Sierra Blvd, SLT		Snow Storage Site	Snow Storage
DISTRICT 3 - VISTA POINTS				
Nev	80	8.3	Donner Summit	Vista Point
Nev	80	9.7	Donner Summit	Vista Point
DISTRICT 3 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Nev	80	18.8	Donner Pass	WB
DISTRICT 3 - SAFETY ROADSIDE REST AREAS				
None.				
DISTRICT 3 - PARK AND RIDE FACILITIES				
None.				
DISTRICT 3 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of High-Risk areas within District 3 is presented in Table 4-1; there are no high risk areas in District 2. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment	County	High Risk Area	Description	Comments
DISTRICT 2				
None				
DISTRICT 3				
NEV/80/12.4	NEV	Donner Lake Water Treatment Plant	Water for Donner Lake Water Company	0.2 miles to facility. No project planned in area.
NEV/80/6.77	NEV	Lake Angela	Water for Donner Summit Public Utility Dist.	1.3 miles to facility. No project planned in area.
NEV/80/2.37	NEV	Lake Serena Treatment Plant	Water for Sierra Lakes County Water Dist.	2.1 miles to facility. No project planned in area.
PLA/28/7.24	PLA	Lake Tahoe Intake	Water for Agate Bay Water Co.	0.0 miles to facility. Appropriate BMPs will be considered for project 03-2A940

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after March 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “TB”, all other Lahontan area projects are designated “LA”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1. Table 5-1 as included in this work plan has been abbreviated in order to accommodate a font size that is readable. A CD-Rom containing the full version of Table 5-1 in Microsoft Excel format will be overnight mailed to the RWQCB by March 28, 2003.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36180	LAS	36	14.5	Build New Facility At Bogard Srta	09/99	11/02	05/03	10/03	11/04
36890	LAS	36	22.5/24.4	Add Shoulders And Bike Lane	10/00	11/02	12/03	2/04	1/05
39600	LAS	36	24.6/25.1	Upgrade Traffic Signal	7/02	7/02	12/02	12/02	11/03
37220	LAS	36	24.7/26.2	Rehab Drainage - Susanville	12/99	11/02	06/03	10/03	03/05
34400	LAS	36	26.4/29.4	Add Two Lanes	12/97	02/03	01/04	08/04	12/06
39650	LAS	36	36.9/37.2	Intersection Alignment / Install Cctv	08/00	08/03	10/03	01/04	02/05
32580	LAS	44	0.0/14.9	Roadway Rehabilitation	10/97	10/02	12/02	1/03	11/04
36130	LAS	139	19.0/20.5	Curve Improvement	8/01	7/03	12/03	1/04	11/04
32640	LAS	299	18.5/25.6	Roadway Rehabilitation	09/01	09/04	09/05	02/06	11/07
35940	LAS	395	4.6/11.8	Roadway Rehabilitation	9/01	9/04	9/05	12/05	10/06
38660	LAS	395	5.5/53.1	Weather System And Signing	2/00	5/02	12/02	12/02	6/03
25850	LAS	395	11.8/24.8	Roadway Rehabilitation	08/95	09/01	11/01	06/02	11/04
36400	LAS	395	28.0	Long Valley Creek Bridge - Scour/Bridge Replacement	9/01	10/04	4/05	5/05	1/06
35790	LAS	395	49.5	Honey Lake Srta Rehab	8/99	5/02	6/03	7/03	1/05
37390	LAS	395	24.8/32.4	Shoulder Widening	9/00	1/04	10/04	1/05	11/05
38160	LAS	395	32.4/56.5	Widen Shoulders/ Rumble Strips	11/01	10/04	07/05	11/05	10/07
38290	LAS	395	73.0/98.3	Chip Seal Coat	09/00	12/00	10/01	01/02	09/03
35950	LAS	395	91/98.3	Roadway Rehabilitation	8/01	TBD	TBD	TBD	TBD
39810	LAS	395	115.0/119.0	Leveling Course And Thin Blanket	07/01	01/02	10/02	12/02	10/03
38470	MOD	299	56.5	Truck Escape Ramp	11/01	10/04	8/05	10/05	11/06
32240	SIE	395	2.3	Deck Rehab & Bridge Rail Replace	08/02	12/02	08/03	11/03	07/04

SECTION FIVE

TABLE 5-2: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36520	ED	50	66.7/067.8	Const Safty Barr & Repl Echo Viad	10/97	08/02	12/03	01/04	10/06
1C990	ED	50	67.3/	Replace Overpass	09/01	10/02	TBD	01/04	TBD
1A730	ED	50	67.6/080.4	Roadway Rehabilitation	12/02	07/04	08/05	07/06	01/09
1A610	ED	50	69.4/	Avalanche Control	07/00	01/03	11/03	02/04	12/04
0A400	ED	50	71.5/73.7	Stabil Shoulder & Drain Improve	10/97	08/00	12/01	06/02	05/04
43602	ED	50	75.4/077.3	Add Curb,Gutter,Sidewalk & Bike Ln	TBD	07/02	10/04	01/05	11/06
43601	ED	50	77.3/079.3	Add Curb, Gutter, Sidewalk & Bike Ln		12/02	03/03	08/03	01/06
3C730	ED	50	78/	Intersection & Signal Imprvmnt @ Sierra Blvd - City Pays 50%	05/02	10/02	11/02	03/03	12/03
1A840	ED	89	0.0/27.4	Rehab/Widen/Water Quality Improve	09/02	07/04	TBD	01/06	TBD
1C310	ED	89	2.0/2.8	Rock Slope Protection	08/00	01/03	03/03	07/03	01/05
0A390	ED	89	23.6/24.7	Slope Stabilization & Drainage Imp	10/97	06/00	12/02	04/03	01/05
4A190	NEV	80	18.3/19.1	Oversight Design Ag Station	11/99	01/01	08/02	05/03	11/04
2A460	NEV	80	14.2/15.5	Pcc Med,Cncr Brr,Drng Upgr,Deck Med - Trout Creek	06/99	09/99	12/00	06/01	10/03
0C750	NEV	80	27.9/28.6	Pcc OI,Repl Br,Retain Wls,Drain Upg	09/01	07/02	TBD	10/02	TBD
2C570	NEV	80	28.1/31.8	R&R Failed Pcc Slabs, Overlay	10/01	10/01	11/01	03/02	04/04
0A630	NEV	80	2.5/15.5	Rehab Pcc & Drainage, Rplc Grd Rls	1/00	05/02	05/01	2/02	3/07
4A240	NEV	80	5.6/	Rehab Rest Area	09/99	01/01	11/02	08/04	10/07
3A21U	NEV	80	17.1/28.1	Rehabilitate Roadway			04/00	06/00	12/03
0A990	NEV	80	13.2/	Replace Bridge	8/00	5/00	8/00	9/00	2/03
1C860	NEV	80	18.4/19.5	Replace Under Truck Lighting	9/01	7/01	1/02	2/02	5/03
1C250	NEV	89	0.5/0.6	Install Signals & Ped Improvements	12/00	09/02	10/02	03/03	12/03
1C080	NEV	89	0.1/0.2	Widen Underpass	03/02	07/05	09/07	01/08	10/09
29101	NEV	267	0.0/2.8	Landscape Mitigation	02/01	09/01	07/02	10/02	12/06

SECTION FIVE

TABLE 5-2: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

EA	Co.	Route	PM	Description	Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
29100	NEV	267	0.0/2.8	Realign Freeway And Structures	02/89	07/92	08/98	03/99	10/03
29102	NEV	267	0.0/2.8	Relinquish Existing Highway	02/01	05/02	06/02	06/02	10/03
31800	NEV	L5717		Sub Shop	10/99	03/03	03/05	07/05	11/06
2c800	NEV	L5739		Construct Sandhouse		04/03	04/04	08/04	11/05
1C290	PLA	28	0.5/0.6	Install 3 Phase Signal At Grove Street	08/00	11/02	12/02	02/03	12/03
2A940	PLA	28	0.0/11.0	Rehab Pav, Add Or Wid Sh, Imp Drain	10/01	02/04	04/05	09/05	12/08
1A490	PLA	28	1.6/1.8	Replace Culverts	TBD	12/98	8/99	8/00	2/04
1C820	PLA	28	8.3/	Install Signal	01/01	07/03	11/03	01/04	11/04
0C930	PLA	28	9.2/10.3	Instl Curb,Gtrs,Sdwk,Sgnl & Drain	09/01	04/04	10/05	02/06	10/08
29090	PLA	28	10.2/11.0	Water Quality Improvements	10/01	02/04	04/05	09/05	12/08
3A760	PLA	89	8.3/8.5	Construct Bicycle/Ped Facility	03/02	12/04	09/06	02/07	09/09
1M540	PLA	89	0.0/8.5	Digouts And Chip Seal	12/99	01/00	04/02	09/02	09/03
2A920	PLA	89	0.0/8.6	Rehab Pav, Add Or Wid Sh, Imp Drain	10/01	07/04	09/05	01/06	01/09
41450	PLA	89	4.7/5.2	Landsc, Path, Paving	06/99	01/03	04/03	07/03	01/05
2A921	PLA	89	8.6/13.7	Rehab Pavement And Drainage System Env Imprv Program (Eip) Project	10/01	07/04	09/05	01/06	01/09
3C700	PLA	89	8.6/	Improve Traffic Signal		04/03	10/03	12/03	10/04
4c080	PLA	89	12.3/	Install Traffic Signals	01/01	07/03	11/03	01/04	11/04
1M500	PLA	89	14.0/21.7	Digouts And Microsurfacing	12/99	01/01	12/02	02/03	10/03
2A090	PLA	267	6.7/8.7	Construct Storm Water Retention Basins	06/99	08/02	11/02	02/03	02/04
2A091	PLA	267	6.7/8.7	Eval Newly Const Stormwater Basins	03/02	01/05	09/05	01/06	10/07
1C970	PLA	267	8.4/9.9	Rehab/Water Quality Improvements	09/02	07/04	TBD	07/06	TBD
2C480	PLA	L5731		Const Crew Rm & Remdl Womens Restrm	07/01	10/01	12/02	03/03	10/03

TABLE 5-2: DISTRICT 3 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

(1) SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents not Final

(C) Environmental Documents final

(D) Environmental Documents final, design complete and project in the construction phase of project delivery

(2) CRITERIA

SWPPP greater than 5 acres of land disturbance (1 acre after March 2003)

303d 303(d) listed

401 401 Cert,

SEP Supplemental Environmental Project

Retro Storm Water Retrofit Project (SWMP 4.4.2)

TB Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

LA Lahontan RWQCB specific requirements for areas outside the Lake Tahoe Basin

HR High Risk Area Present

RB RWQCB designated projects posing a threat to water quality

TABLE 5-3: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

DISTRICT 2							
Significant Road Maintenance Activities (1)							
PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date		
None that require 401 certification.							
Maintenance Facility and Activity Inspections							
All maintenance facilities in the District will be inspected this year. At least 10 maintenance activity inspections will occur in Modoc and Lassen County portions of the Lahontan RWQCB.							
Maintenance Facility BMP Improvements							
Neither of the Maintenance facilities in the Lahontan area are scheduled for major rehabilitation. The rinse area and settling basin at Susanville maintenance yard will be modified to reduce the amount of cinders reaching the sediment basin and provide better reuse of cinders.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by The Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 2 Vegetation Control Plan (VCP) for FY 03/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.</p>							
Vegetated Slope Evaluation: District 2							
County	Route	PM	Inspection Schedule	Remediation Action Planned			
Slope inspections for the Lahontan Area are not scheduled till FY 05							
DISTRICT 3							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None that require 401 certification.							

TABLE 5-3: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Maintenance Facility and Activity Inspections
25% of the District's Maintenance facilities will be inspected this year.
Maintenance Facility BMP Improvements
Storage bunkers will have covers and sides installed. Maintenance facilities will have sediment controls installed to include temporary linear barriers and sediment basins. The SLT snow storage site may be paved prior to January 2004, depending on finances.
Maintenance BMP Actions/Modifications
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface. AC grinding may be re-cycled.
Vegetation Management and Vegetated Slope Management
The District 3 Vegetation Control Plan (VCP) for FY 03/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items: <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program Districts will provide the VCP for FY 03/04 to the RWQCB by May 15, 2003.
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and the Department staff.

(2) Criteria

401 401 Certification/Waiver required

TABLE 5-4: GENERAL MANAGEMENT PRACTICES

DISTRICT 2				
Monitoring Activities				
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan 03/04.				
Construction Compliance Monitoring Program				
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.				
Training and Public Outreach				
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. The Department will work cooperatively with the Associated General Contractors (AGC) to provide a variety of storm water training subjects to contractors. Some Department storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to crews during “tailgate” meetings or in formal classes. Training on Maintenance storm water issues will be provided to crews during “tailgate” meetings and during maintenance activity inspections. Stenciling will be done for storm drains in Phase 2 MS4 cities				
Municipal Coordination				
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Department storm water training classes will be available for participation by local agencies				
DISTRICT 3				
Monitoring Activities				
Dependent on data analysis results, the Highway Runoff Characterization Study program in the Tahoe Basin may be concluded. However, monitoring of pilot treatment BMPs will be conducted at the Brockway Summit and Meyers projects. The timeframe for monitoring will depend on construction scheduling.				
Construction Compliance Monitoring Program				
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.				
Training and Public Outreach				
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. The Department will work cooperatively with the Associated General Contractors (AGC) to provide a variety of storm water training subjects to contractors. Some The Department storm water training classes will be available for participation by local agencies. Training on storm water issues will be provided to crews during “tailgate” meetings or in formal classes. Training on Maintenance storm water issues will be provided to crews during “tailgate” meetings and during maintenance activity inspections. Stenciling will be done for storm drains in Phase 2 MS4 cities.				
Municipal Coordination				
Coordination meetings are conducted on a regular basis with various local agencies in the Truckee/Tahoe Basin. Meetings will be expanded to include with newly permitted MS4 permittees in the District.				
District 3 has several cooperative agreements in effect with local agencies. These include:				
County	Route	PM	Local Agency	Purpose of Agreement
PLA	89	6.3/6.7	Placer County	Evaluate offsite runoff quantities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **6**

CALTRANS DISTRICT
6

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 6

LAHONTAN REGIONAL

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 6

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LAHONTAN REGIONAL
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

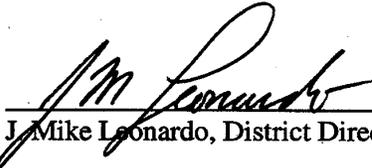


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 6**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region**

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)]



Mike Leonardo, District Director

2/11/03

Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 6, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Most of the Department’s District 6 falls within the jurisdiction of the Central Valley RWQCB. A minority portion of District 6 falls within the jurisdiction of the Lahontan RWQCB. District 6 is one of four Department Districts that comprise the Department’s Central Region. A Department Districts 5, 6, 10 and Central Region Storm Water Organizational Chart is included as Figure 2-1 on page 2-2. Staff responsible for implementing the SWMP within the Central Valley and Lahontan RWQCB’s jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Senior Regional NPDES Coordinator	559-243-3565	Marc_Boswell@dot.ca.gov	Primary contact for all storm water issues. Oversees all Central Region Proj. Dev. Div. SW Control employees.
Larsen Boyer	Regional NPDES Coordinator	559-243-3419	Larsen_Boyer@dot.ca.gov	Assists in coordination of Storm Water activities within the Central Region.
Darren Cousineau	District 6 NPDES Coordinator	559-243-8007	Darren_Cousineau@dot.ca.gov	Assists in coordination of Storm Water activities within District 6 and other Central Region districts.
Raafat Shehata	Regional Construction SW Coord.	559-243-8691	Raafat_Shehata@dot.ca.gov	Coordinates Storm Water activities within the Central Region Construction Division.
John Haen	District 6 Maintenance SW Coord.	559-488-4071	John_Haen@dot.ca.gov	Field training and oversight; compliance reviews on facilities and activities.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board (SWRCB) or the RWQCBs.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
Senior Regional NPDES Coordinator	All Central Region storm water related documents except Regional Work Plan and Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	Amendments to NOC; SWPPP approval; NOCC
Maintenance Senior Environmental Planner	Maintenance activity reports
Maintenance SW Superintendent	Maintenance activity reports

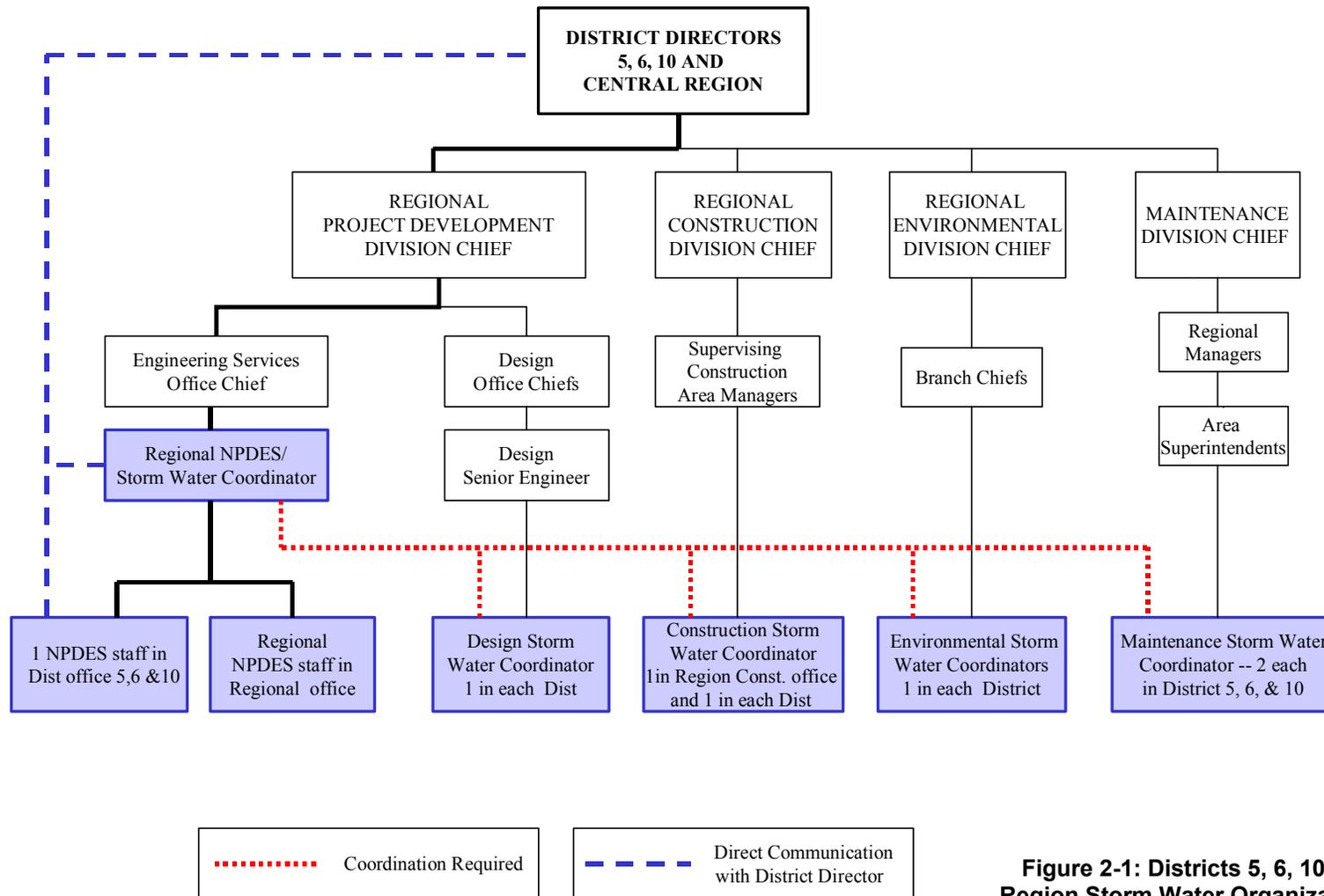


Figure 2-1: Districts 5, 6, 10 and Central Region Storm Water Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. A map showing the District 6 boundaries within the Central Valley and Lahontan RWQCB and major roads and highways is presented in the Department’s *Statewide Storm Water Management Plan*, Appendix A, Figure A-11, page A-36.

TABLE 3-1: DISTRICT 6 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
KER	58	112.3	Mojave	Highway Maintenance
KER	178	92.0	Inyokern	Highway Maintenance
Vista Points				
None				
Commercial Vehicle Enforcement Facilities				
KER	58	105.5	Cache Creek	Westbound (WB)
Roadside Rest Areas				
KER	58	R139	Boron	3.9 mi W of Boron; EB & WB
Park and Ride Facilities				
KER	178	103.8	Ridgecrest	NW corner Richmond Rd/Rt 178
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 6 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and any Department facility, use characteristics of the facility(ies), and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				There are no high risk areas within the Lahontan area of District 6.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 reflects all District 6 projects (eastern Kern County) within the Lahontan Regional Board jurisdiction that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). A legend is provided for Tables 5-1 and 5-2 that identifies abbreviations used for the project criteria.

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acentage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	06-40840_	KER	14	16.2 / 26	North Mojave 4-Lane - Convert To 4 Lane Expressway - From 0.2 Km North Of The Rte 14/ Business Rte 58 Jct In Mojave To To 7.6 Km N Of California City Blvd (Kp 26.1/41.8)	Cache Creek	401, SWPPP	375	Feb-99	Oct-02	Mar-04	Aug-04	Jul-07
2	D	06-24340	KER	58	R107.7/R118	Mojave Bypass - Construct 4 Lane Freeway - In Kern County At Mojave From 0.2 Km East Of Cache Creek Bridge To 6.7 Km East Of Airport Road		SWPPP	20	NA	Aug-98	Jun-00	Jul-00	Oct-04
3	D	06-24342	KER	58	109.1 /117.1	Old 58 Relinquishment - Pavement Rehabilitation - Near Mojave From 0.2 Km E Of Cache Creek To 8.0 Km E Of South Jct Rte 14 "(Kp 175.5/179.5, Kp 181.7 To 188.4)"		SWPPP	5	NA	Jan-02	Jul-03	Dec-03	Dec-04
4	B	06-43020	KER	14	35.5/37.1	South Redrock Rehab - "Raise Gr., Ac Overlay, Widening" - Near Cantil From Rogers Road To 0.3 Kilometer South Of Cantil Wash Bridge #50-424 (Kpx057.1-X059.7)		SWPPP	30	NA	Jan-04	Jan-06	Mar-06	May-06

SECTION FIVE

TABLE 5-1: DISTRICT 6 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
5	B	06-44310	KER	395	14.8 / 23	Inyokern 4-Lane - 2c To 4e - On Sr 395 From 0.4 Km S Of China Lake Rd To 0.3 Km S Of Rte 178 (Kp 23.8/37.0)	El Paso Wash, Little Dixie Wash	401 SWPPP	140	Sep-01	Jul-08	Apr-11	Oct-11	Oct-13
6	B	06-45710	KER	14	45.9 / 62.3	Freeman Gulch Widening - Construct 4 Ln Expressway W/Control Access - Near Ridgecrest From Redrock Inyokern Rd To Rte 178 (Kp 73.9/100.3)	Freeman Gulch	401 SWPPP	200	Sep-01	Oct-07	Jan-10	Jul-10	Jul-12
7	D	06-39320	KER	14	46.2 / 50.8	Little Dixie Wash Rehab - Ac Overlay & Widen Shoulders - Near Cantil From 1.8 Km N To 9.2 Km N Of Red Rock-Inyokern Rd (Kp 74.3/81.8)	Little Dixie Wash	401 SWPPP	20	Jan-00	Jan-00	Jul-02	Oct-02	Oct-03

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
Four Maintenance Stations will be chosen at random for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
One summer activity will be reviewed / inspected: paving, chip sealing, or similar.							
Two winter activities will be reviewed / inspected: snow removal, drain cleaning, etc. Target: two activities per year – total.							
Maintenance Facility BMP Improvements							
Review Maintenance Stations and activities with Supervisors on an on-going basis; share examples of BMP's that work well, are easy to install, and are cost effective.							
Maintenance BMP Actions/Modifications							
Bring approved new technology on-board as it becomes available and recommend the placement of permanent BMP projects into any Maintenance Station improvement plan.							
Vegetation Management and Vegetated Slope Management							
The Vegetation Control Plan (VCP) is written each Spring prior to the fiscal year, per M.M. Vol. 1, Section 2.06. The District 6 VCP for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Districts will provide the VCP for FY 2003/04 to the RWQCB by May 15, 2003.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date. The Department is waiting for conformation of RWQCB approval).							
			Route/PM	County	Inspection Schedule	Remediation Action Planned	

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

(1) Major road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

401 = 401 Certification/Waiver required

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Construction Compliance Review Task Force annual report.
Training and Public Outreach
Maintenance BMP review during tailgate meetings at 10 days or whenever activities are changed. The SWMP, Appendix D, Guidelines, and <i>Storm Water Quality Handbook, Maintenance Staff Guide</i> , are used.
Annual Refreshers for all Maintenance field personnel. Refresher curriculum is developed prior to training based on the latest information available. Informal training is provided by Regional Storm Water Coordinators on a daily basis as is necessary.
For FY 03/04 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 02/03 and new hires. New training modules will be developed for Phase II permit changes and Sampling and Analyses requirements.
Contacts are made when off-R/W violations are observed that affect Department facilities or R/W. Storm water compliance requirements are explained to violators. Cooperation and coordination with utility companies, etc., relative to affect on Department facilities or R/W are on-going. Facilities storm drain stenciling program will continue. Storm drain stenciling in communities with populations of 10,000 or more is planned to begin.
Pending Headquarters approval and disbursement of funds, the Central Region will: 1) develop and distribute five distinctive storm water pollution prevention informational fact sheets to be utilized for MS4 coordination and public education activities; one fact sheet will be developed and distributed to address the unique water quality challenges presented by each RWQCB office within the Central Region; 2) develop content for, and purchase a portable storyboard to be used for presentations and static displays for permit-related public education efforts; and 3) purchase three notebook computers and two portable digital projectors to be used for permit-related training, presentations, MS4 coordination, and other activities where computing portability is necessary to achieve permit compliance.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES (Continued)

Municipal Coordination
District 6 participates in cooperative meetings with municipalities located within the District. Coordination efforts are focussed on sharing of information, public education, storm drain stenciling coordination, and training. The District 6 storm water coordinator also participates in the California Stormwater Quality Association
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees. See Training and Public Outreach above for additional planned municipal coordination activities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **6**

CALTRANS DISTRICT
7

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 7

LAHONTAN REGION 6B

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 7

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LAHONTAN REGION 6B
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

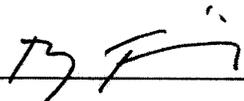


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 7**

**Certification
Regional Work Plan 2003/2004**

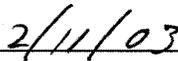
**California Regional Water
Quality Control Board
Los Angeles Region 4, Lahontan Region 6B
Central Valley Region 5F, Central Coast Region 3**

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)]



Douglas R. Failing

District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 7, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of the Departments District 7 fall within the jurisdiction of the Los Angeles Regional Water Quality Control Board (RWQCB). Organization charts for District 7 are included in Figure 2-1. Staff responsible for implementing the SWMP within the RWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Richard Gordon Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-6318 (213) 620-5020 (213) 620-2110	Richard_Gordon@dot.ca.gov Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

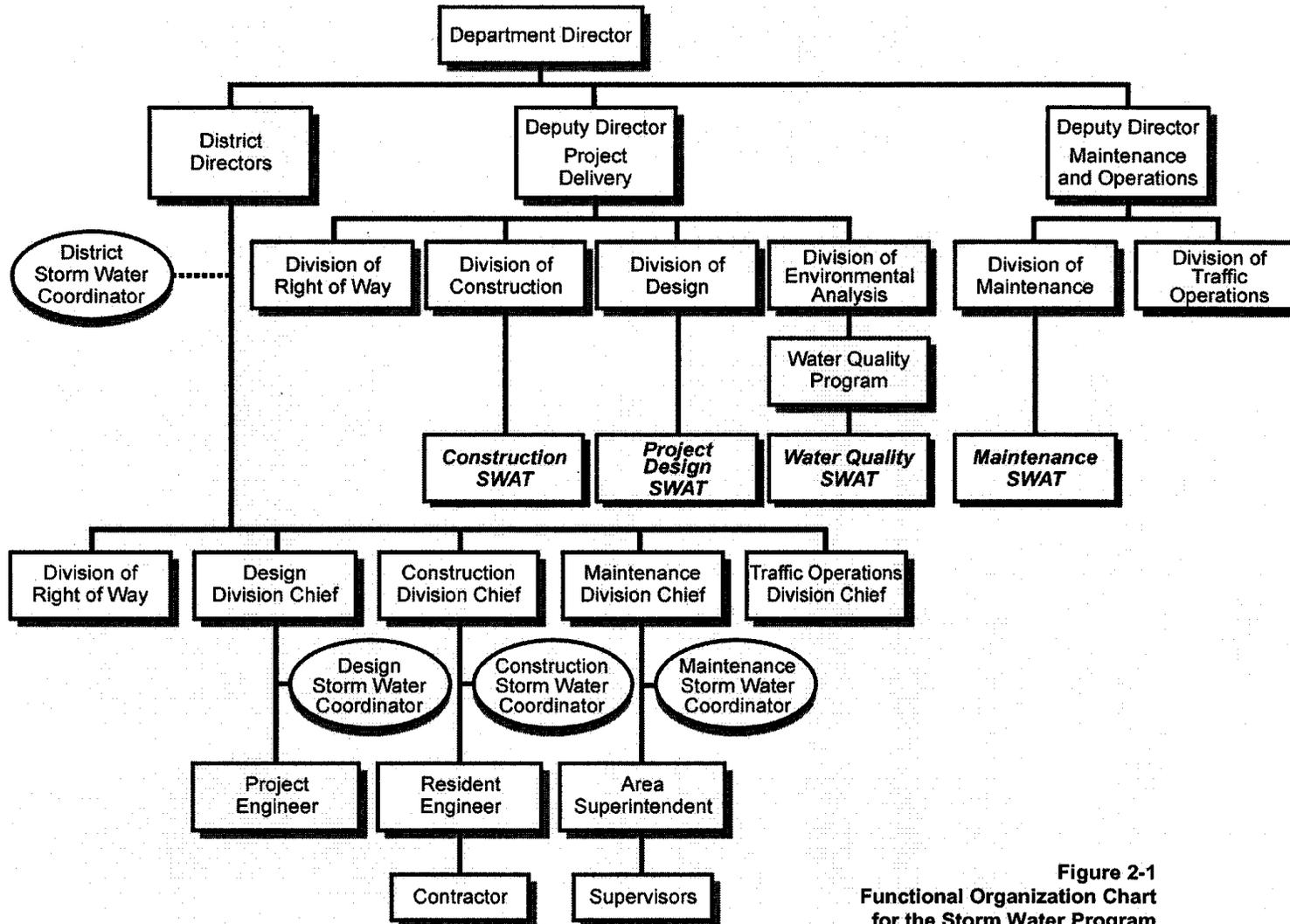


Figure 2-1
Functional Organization Chart
for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 7 boundaries within the Lahontan Regional Water Quality Control Board (RWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
None				
Vista Points				
KERN	14	57.8	Lamont-Odet	Vista Point
Commercial Vehicle Enforcement Facilities				
None				
Safety Roadside Rest Areas				
None				
Park and Ride Facilities				
LA	138	25.1	Pearblossom	Route 138 at Sierra Highway in Pearblossom
Sand and Salt Staging Areas				
LA	14	54.6	Vincent	Sand and Salt Storage
Toll Road and Toll Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

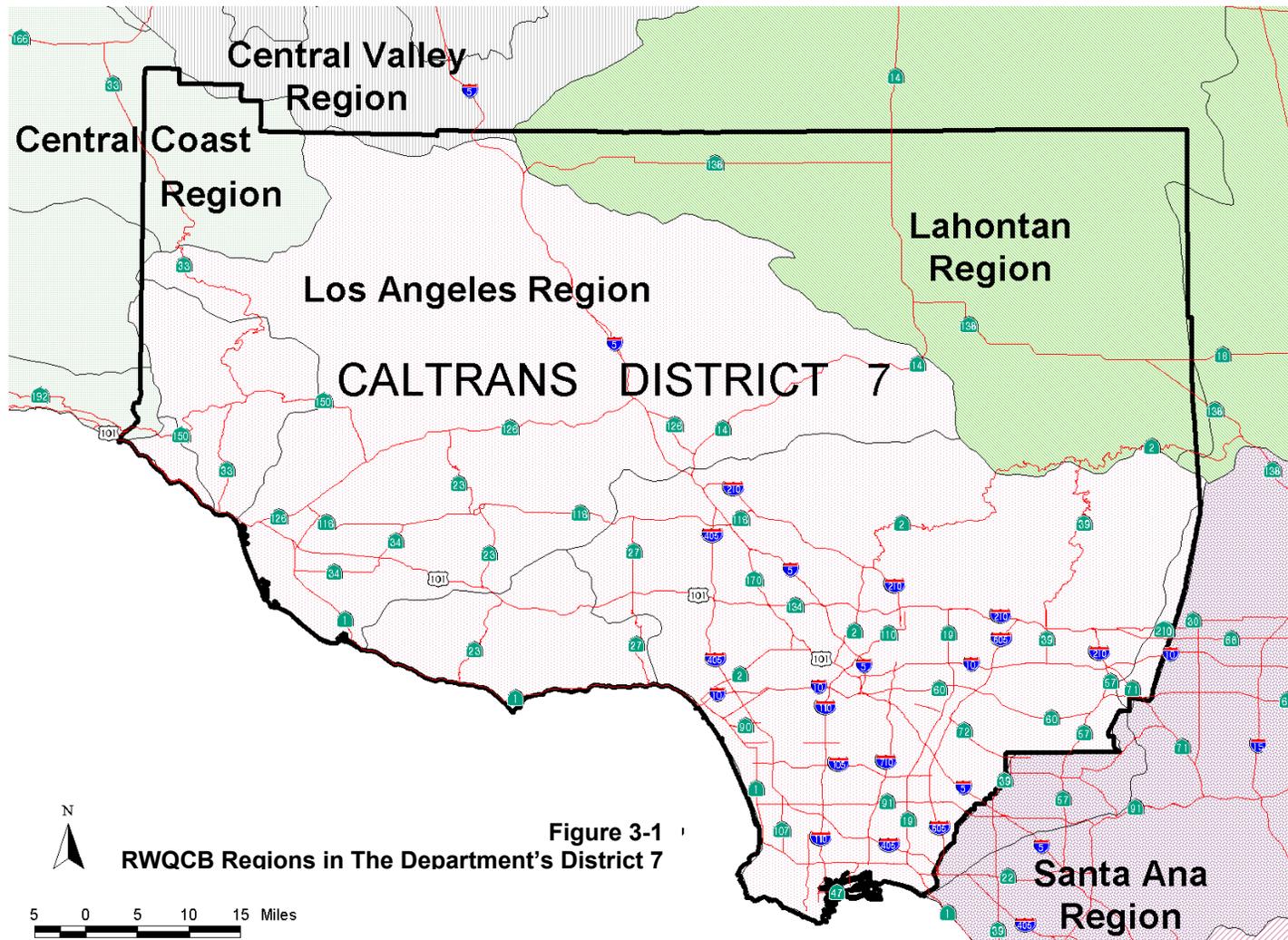


Figure 3-1
RWQCB Regions in The Department's District 7

4.0 HIGH RISK AREAS

There are no high-risk areas within the Lahontan Region portion of District 7. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department-owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. Table 4-1 shows high-risk areas for surface water. These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between Lahontan Regional Water Quality Control Boards (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

However, there is no high-risk area listed in District 7 jurisdiction within the Lahontan Region Water Quality Control Board.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Department postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Figure 5-1 shows major roads and highways with postmile location within District 7.

SECTION FIVE

TABLE 5-1: DISTRICT 7 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
1	C	20602	LA	2	17.8 /82.0	Install and upgrade guardrails	626.8	none	SWPPP	Jan-00	Jan-99		May-04	
2	C,D	12520	LA	14	54.5 R/60 .7R	Widen 2-4 lanes	626.50, 626.90	California Aquaduct	SWPPP	Dec-95	Nov-94		Feb-04	
3	C	18841	LA	138	63.7 /65.5	Widen 2-4 lanes	626.80	California Aquaduct	LT, SWPPP	Jul-99	Mar-01		Dec-05	
4	C	11672	LA	138	43.4-48.7	Construct freeway and conventional highway	626.50, 626.70	none	LT, SWPPP, 401	Mar-96	Apr-03		Apr-07	
5	C	10483	LA	138	60.2 /63.7	Widen 2-4 lanes	626.80	California Aquaduct	LT, SWPPP	Dec-95	Mar-01		Sep-06	
6	C	12720	LA	138	51.4 /60.2	Widen 2-4 lanes	626.370, 626.80	California Aquaduct	LT, SWPPP	Oct-91	Mar-01		Aug-06	
7	C	18842	LA	138	65.5 /67.3	Widen 2-4 lanes	626.80	California Aquaduct	LT, SWPPP	Jul-99	Mar-01		Dec-05	
8	C	18843	LA	138	67.3 /69.4	Widen 2-4 lanes	626.80	California Aquaduct	LT, SWPPP	Jul-99	Mar-01		Dec-05	

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
LA	14	24.5-77.0*	Basin, culvert & drop inlet cleaning. Shoulder grading & slide removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	7-1-02	6-30-03
Maintenance Facility and Activity Inspections							
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.							
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.							
Maintenance Facility BMP Improvements							
Cover for Multi-chambered Treatment Train to prevent vector concerns. Other improvements will be based on the annual storm water facility inspections.							
Maintenance BMP Actions/Modifications							
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.							
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.							
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.							
Vegetation Management and Vegetated Slope Management							
Vegetation Control Plan							
The District 7 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Vegetated Slope Evaluation							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.							

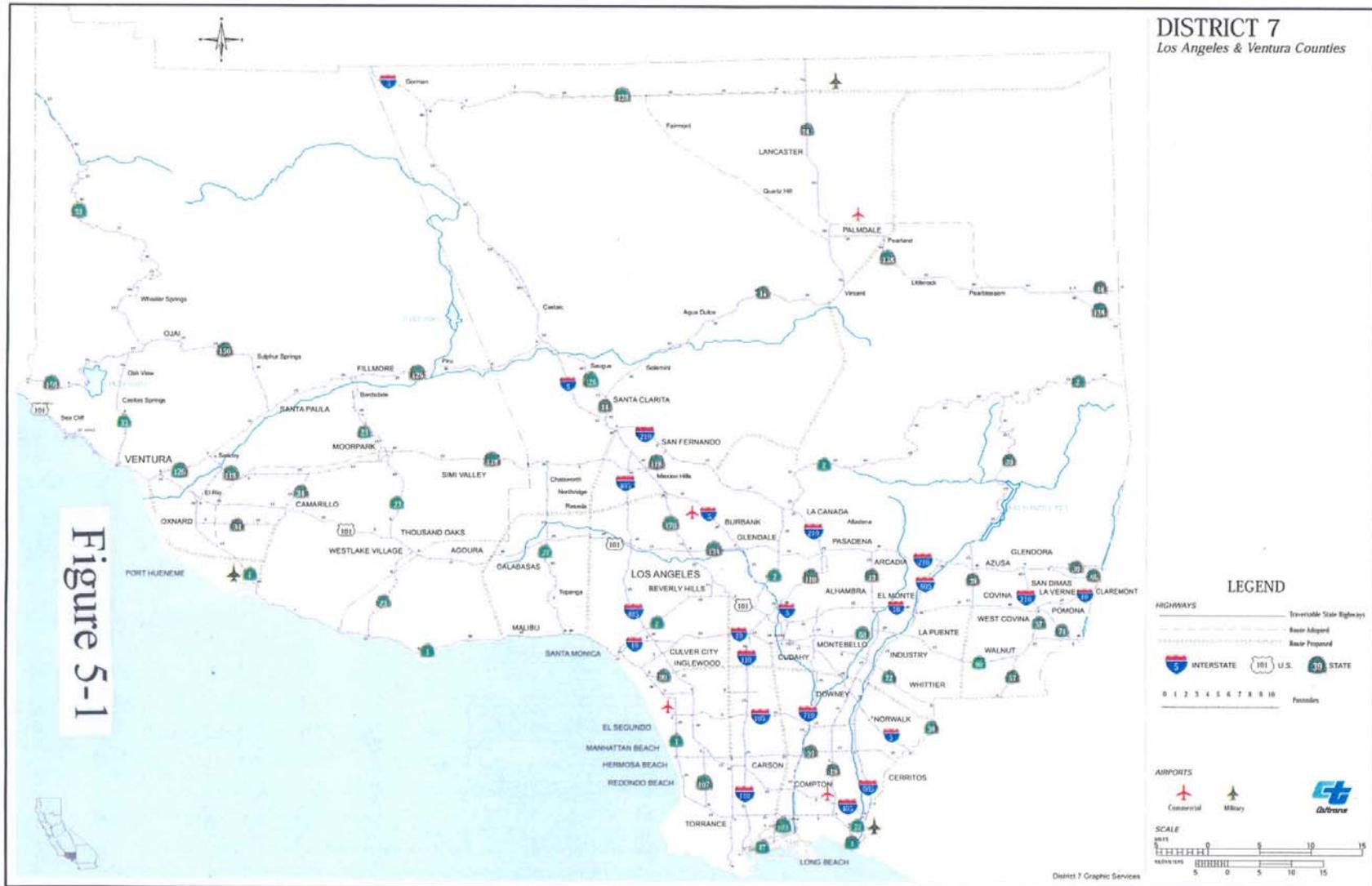
TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

SWPPP	Greater than 5 acres of land disturbance
303d	303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.
401	401 Certification/Waiver required
SEP	Supplemental Environmental Project
Retro	Storm Water Retrofit Project (SWMP 4.4.2)
LT	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	Project limits within High Risk Area
RB	RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>Monitoring Activities</p> <p>As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.</p> <p>In order to minimize impact to water bodies by Department projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.</p>
<p>Construction Compliance Monitoring Program</p> <p>As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.</p>
<p>Training and Public Outreach</p> <p>Training of Department personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Department staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, including the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>The Project Planning and Design Guide training will be provided to Design staff.</p> <p>Additional training on permanent and temporary erosion control will also be given to Design staff.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Department Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Department projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>
<p>Municipal Coordination</p> <p>District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.</p>
<p>Monitoring Activities</p> <p>Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.</p>
<p>Construction Compliance Monitoring Program</p> <p>Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.</p>
<p>Training and Public Outreach</p> <p>Quarterly training on storm water issues will be provided to staff.</p> <p>Two-day training seminars are planned for each of the District maintenance and construction supervisors.</p>



**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

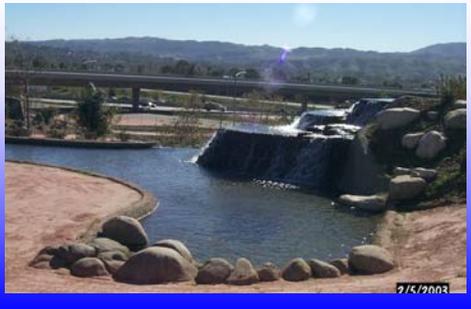
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CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 8

LAHONTAN REGION 6

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 8

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

LAHONTAN REGION 6
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 8**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region**

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)]



Anne Mayer, District Director

2/10/03

Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 8 water bodies, Best Management Practices (BMPs) and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Portions of the Department District 8 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the Lahontan Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

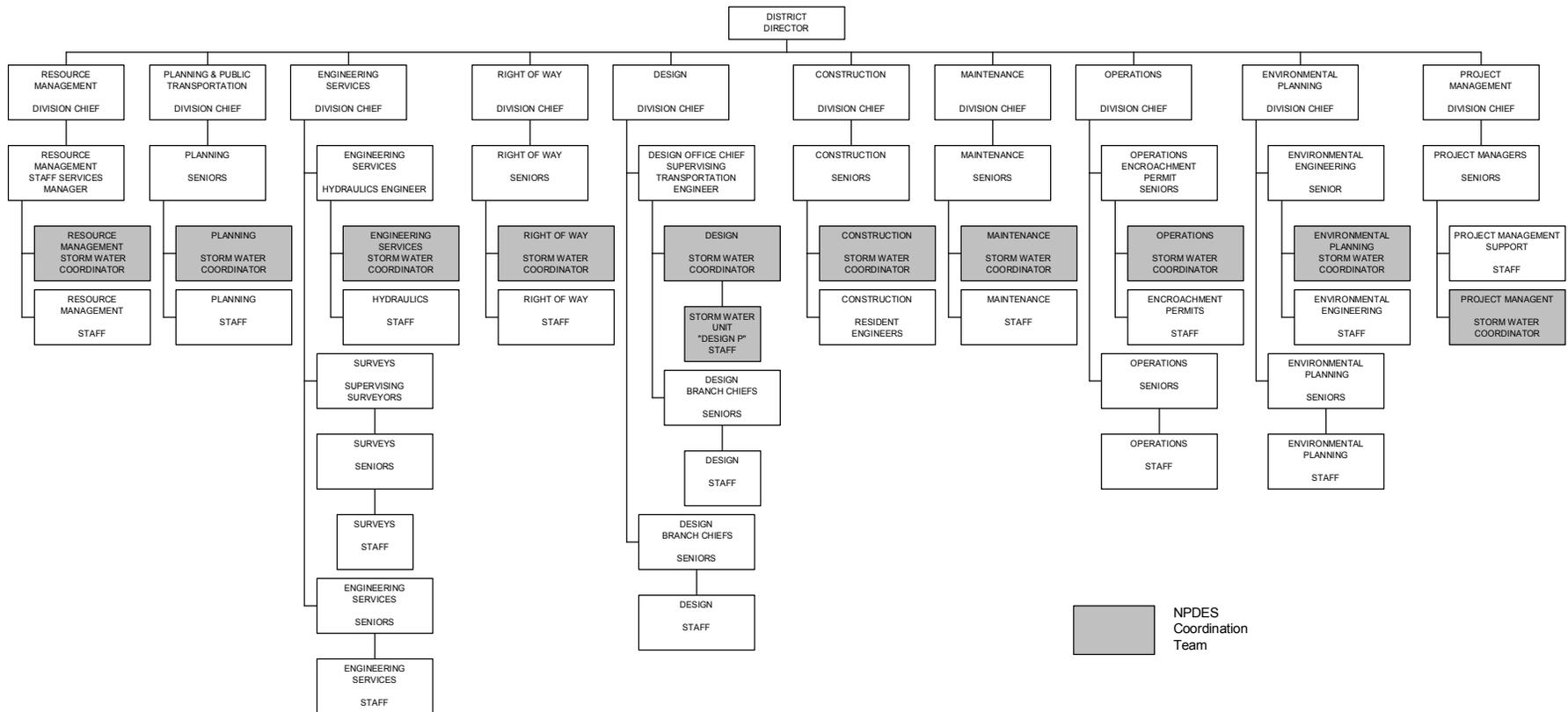
TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Mark Leichtfuss	Engineering Services Storm Water Coordinator	(909) 383-4999	Mark_Leichtfuss@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
John Marcinek	Project Management Storm Water Coordinator	(909) 383-6722	John_Marcinek@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Melvin Mendez	Operations Storm Water Coordinator	(909)383-7975	Melvin_Mendez@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Tim Watkins	Resource Management Storm Water Coordinator	(909)383-6819	Tim_Watkins@dot.ca.gov	Primary contact for Resource Management-related storm water issues.

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	All District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC,NOC
Maintenance Senior	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports



**Figure 2-1
Organizational Structure of District 8 Storm Water Program**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the Lahontan Regional Water Quality Control Board, and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
SBd	395	45.9	Beechers Corner Jct. Hwys 58 & 395 P.O. Box 779 Baron, CA	Maintenance
SBd	18	25.2	Burnt Mill 28172 State Hwy 18 Sky Forest, CA	Maintenance
SBd	18	32.9	Dry Creek Route 18 Running Springs, CA	Maintenance
SBd	15	170.6	Mountain Pass HCRI Box 208 Nipton, CA	Maintenance
SBd	40	0.8	Barstow 1800 Dill Road Barstow, CA	Land. & Maint.
SBd	15	38.8	Victorville 14757 State Hwy 138 W. Cajon Valley, CA	Land. & Maint.
Vista Points				
N/A				
Commercial Vehicle Enforcement Facilities				
N/A				
Roadside Rest Areas				
SBd	15	R107.4	Clyde V. Kane	NN
SBd	15	R107.4	Clyde V. Kane	SS
SBd	15	161.2	Valley Wells	NN
SBd	15	161.2	Valley Wells	SS
SBd	40	R28.4	Desert Oasis	EE
SBd	40	R28.4	Desert Oasis	WW
Park and Ride Facilities				
SBd	15	79.6	Meridian	
SBd	15	37.6	Bear Valley	
SBd	18	24.7	Lake Arrowhead	
SBd	18	31.8	Running Springs	
SBd	15	71.68	Barstow	
Sand and Salt Staging Areas				
SBd	18	32.9	Dry Creek	
SBd	15	38.8	Victorville	
SBd	18	25.2	Burnt Mill	

TABLE 3-1: DISTRICT 8 FACILITIES (Continued)

Snow Storage Sites				
N/A				
Toll Road and Bridge Plazas				
N/A				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs>.

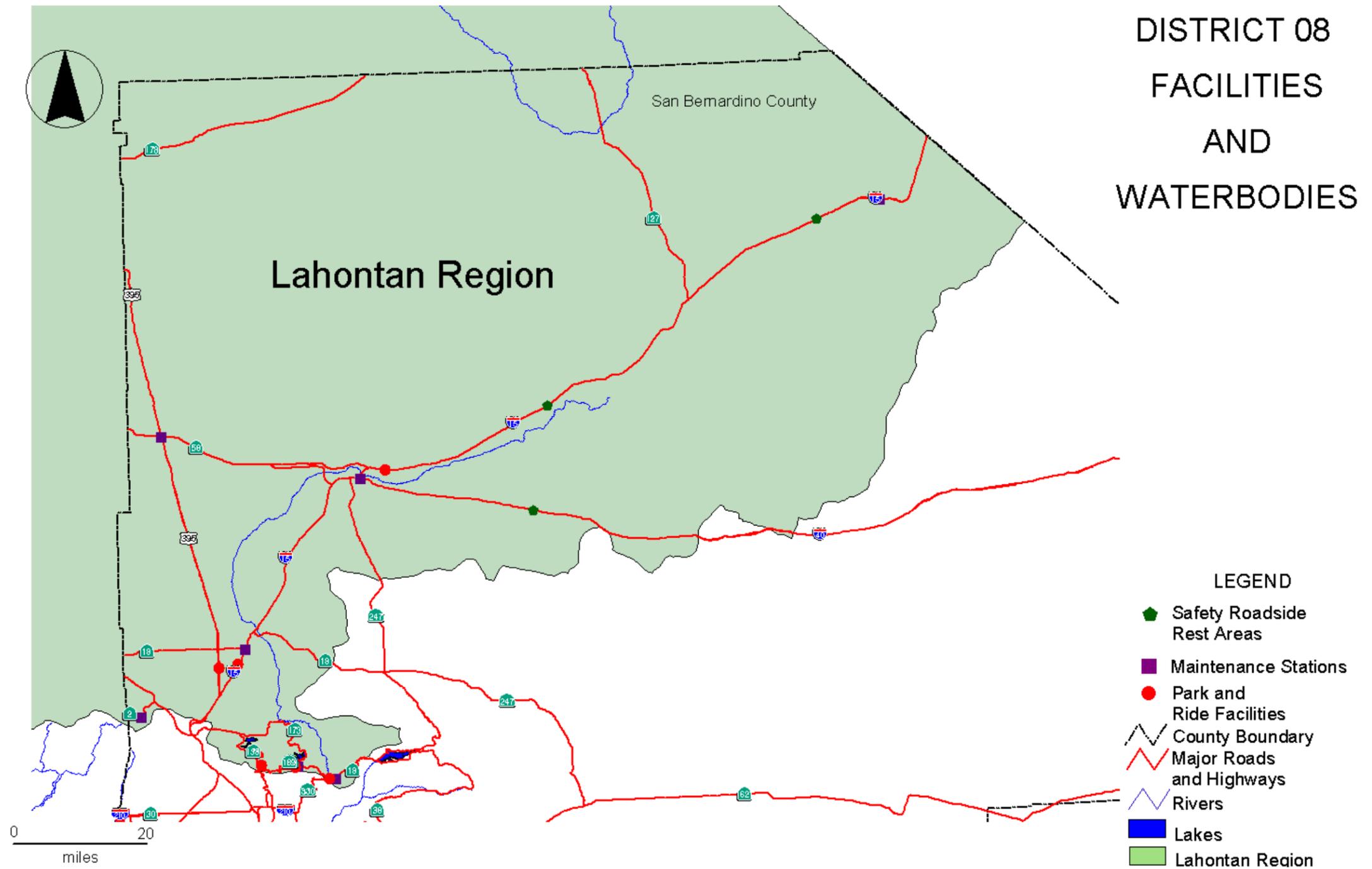


Figure 3-1
District 8 Facilities and Waterbodies

4.0 HIGH RISK AREAS

A list of high risk areas within District 8 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
173	SBd	Lake Arrowhead	PM 18.57 to PM 19.58	Domestic Reservoir
173	SBd	Lake Arrowhead	PM 20.25 to PM 20.97	Domestic Reservoir
173	SBd	Lake Arrowhead	PM 21.31 to PM 21.46	Domestic Reservoir
189	SBd	Lake Arrowhead	PM 3.42 to PM 4.07	Domestic Reservoir
138	SBd	Silverwood Lake	PM 26.65 EB offramp terminus at Cleghorn Rd.	Domestic Reservoir
138	SBd	Silverwood Lake	PM 26.65 WB offramp terminus at Cleghorn Rd.	Domestic Reservoir
138	SBd	Silverwood Lake	PM 28.073 (Sawpit Cyn Br 54-858)	Domestic Reservoir
138	SBd	Silverwood Lake	PM 29.378 (Burnt Mill Cyn Br 54-859)	Domestic Reservoir

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Tables 5-1 and 5-2.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
1	A	1A840	SBD	015	15.96-186.2	construct "ground in" rumble strips		SWPPP, 303(d)	26.5		12/01	03/02	08/02	10/02
2	A	36850	SBD	015	177.8-185.1	construct commercial vehicle enforcement facility and agricultural inspection facility.	None	SWPPP	280	10/95	5/02	11/02	6/03	8/04
3	A	34040	SBD	395	4-48	const 6-ln frwy fr i-15 to sr-18; 4-ln frwy fr sr-18 to purple sage st & 4-ln expwy fr purple sage st to farmington rd		SWPPP		07/01	07/06			
4	B	47610	SBD	015	115.3-119	southbound truck climbing lane (outside)		SWPPP	15	11/00	7/03	6/04	11/04	3/06
5	B	4393U	SBD	015	169.9-182.1	construct nb truck descending lane and pavement rehabilitation (segment 2)	Rocky Wash	SWPPP, 303(d), 401	420	10/97	6/03	8/03	3/04	3/06
6	B	39470	SBD	018	66.7-66.8	replace bridge	Ivanpah Dry Lake	SWPPP, 401	pending	9/01	8/04	12/05	7/06	3/07
7	B	46970	SBD	138	0-14	construct truck climbing lanes, widen shoulders, realign rdwy, modify intersections & rehab rdwy (project to include ea 46980g, 47450g & 47460g.)	Cushionberry Cr.	SWPPP	70	8/99	6/01	9/02	9/03	12/06

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
8	C1a	40580	SBD	002	4.4-5	minor grading and add shoulders	Cajon Wash	SWPPP, 401	9.2	1/96	1/96	2/99	10/00	9/01
9	C1a	33510	SBD	138		realign intersection & widen	Horse Canyon Wash	SWPPP, 401	Pending	1/96	1/02	7/03	3/04	2/05
10	C1a	48390	SBD	138	4.6-6	realign beekley rd is & install signal	Horse Thief Creek	SWPPP		3/99	7/00	11/00	5/01	12/01
11	C1a	34011	SBD	138	0-15.2	widen from 2 lanes to 4 lanes with median ltl (includes 34000k)	none	SWPPP		7/97	11/02	7/05	6/06	8/09
12	C1a	34770	SBD	058	0-12.9	construct 4-lane expwy	Sheep Creek, Cajon canyon creek	SWPPP, 401	200	7/91	1/03	9/05	7/06	8/09
13	C1b	1A340	SBD	015	74.2	rock slope protection	none	SWPPP, 303(d), 401	2	12/00	5/01	9/01	2/02	4/02

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
14	D1a	37020	SBD	015	33.5-34.5	reconstruct ic	Armory Channel	SWPPP	30.0	9/95	7/98	5/02	11/02	4/04
15		45670	SBD	015	74.9-99.5	rehabilitate	None	SWPPP, 303(d), 401	78	10/98	10/98	4/02	12/02	9/03
16		45680	SBD	015	99.5-124	rehabilitate	Mojave River Calico Ditch Yermo Ditch	SWPPP, 303(d), 401	78	10/98	10/98	4/02	12/02	9/03
17		40320	SBD	018	73.7-84.3	construct 2.4 m shoulders with same structural section as mainline, realign horizontal curve and construct 2 km of passing lanes	West Mannix Wash, East Mannix Wash, Mound Wash,	SWPPP		9/99	9/04	6/05	3/06	12/06
18		47600	SBD	015	77.3-81	southbound truck climbing lane (inside ac)		SWPPP	24	11/00	6/02	12/03	5/04	10/05
19		43540	SBD	040	18.04	replace bridge (bridge scour project)		SWPPP, 401	1.1	1/00	1/00	11/02	7/03	7/04

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
20		20370	SBD	015	136.1- 136.2	replace bridges & widen shoulders	none	SWPPP	2.8	8/00	7/03	12/03	8/04	2/05
21		48630	SBD	040	89-119	rehabilitate pavement	none	SWPPP	62 ACRE	9/01	9/01			
22	A	27900	SBD	015	40.5	install traffic signals	none	SWPPP	UNKNOWN	8/99	02/03	09/03	04/04	01/05
23	A	0C120	SBD					SWPPP	50	08/02	10/04	05/06	05/07	09/08
24	A	0C130	SBD					SWPPP	10	12/02	04/04	11/05	06/06	10/07
25		34050	SBD		48- 73.5	widen to 4-lane expressway		SWPPP, 401	1000	6/01				
26		43931	SBD		163.2- 169.9	pavement rehabilitation (segments 1 & 3)	Kingston Wash Ivanpah Lake	SWPPP	50	10/98	12/00	7/01	3/02	11/02
27	C1a	49630	SBD		72- 72.1	construct concrete channel & rock slope protection - (ac dike & drain inlet)	Mojave River	HR	less than 1 acre	10/99	5/00	8/00	9/01	4/02
28	B	46970	SBD		0-14	construct truck climbing lanes, widen shoulders, realign rdwy, modify intersections & rehab rdwy (project to include ea 46980g, 47450g & 47460g.)	Cajon Wash	SWPPP	70	8/99	6/01	9/02	9/03	12/06

SECTION FIVE

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
29		47840	SBD		4.6-6	upgrade existing guardrail end treatments		HR	2	9/99	9/99	6/03	2/04	10/04

Criteria

- SWPPP Greater than 5 acres of land disturbance
- 303d 303 (d) listed water body within project limits and affected by project
- 401 401 Certification/Waiver required
- SEP Supplemental Environmental Project
- Retro Storm Water Retrofit Project (SWMP 4.4.2)
- LT Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR Project limits within High Risk Area
- RB RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SBd	I-15	44.4-52.0	crack sealing, grader blankets, materials pass, sc3000 and cinders	Mojave River	303(d)	Unknown	Unknown
SBd	SR-138	26.5-35.0	chip seal	Silverwood Lake	HR	Unknown	Unknown
SBd	SR-138	23.9-30.8	shoulder grading and backing, culvert cleaning	Silverwood Lake	HR	Unknown	Unknown
SBd	SR-173	5.6-12.6 ok	grade restoration of dirt surface and culvert cleaning	Mojave River	303(d)	Unknown	Unknown
SBd	SR-173	12.6-23.1	talus/slide removal, berm restoration and culvert cleaning	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-173	21.4-23.1	crack seal	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-173	17.6-19.0	ac overlay	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-189	0.0-5.6	talus/slide removal, berm restoration, and culvert cleaning	Arrowhead Lake	HR	Unknown	Unknown
SBd	SR-189	0.0-5.6	talus/slide removal, berm restoration and culvert cleaning	Arrowhead Lake	HR	Unknown	Unknown
Maintenance Facility and Activity Inspections							
For the year 2002-03 Beechers Corners, Burnt Mill, Essex, Hemet, Blythe, Keen Camp Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
None							
Maintenance BMP Actions/Modifications							
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.							
Improve BMPs at Vactor sites and stock pile locations.							
Improve BMP's at Material Storage areas.							
Vegetation Management and Vegetated Slope Management							
The District 8 Vegetation Control Plan (VCP) for FY 2003/04 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Vegetated Slope Evaluation					
County	Route	PM	County	Inspection Schedule	Remediation Action Planned

(1) Major roadway maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits “rate” the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Project Planners and Designers on the following topics: Procedures of the Project Planning and Design Guide (PPDG), Permanent Erosion Control, Temporary Erosion Control, Storm Water Data Report Preparation, and the design of Treatment BMPs.
2. Training is an on going process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affairs Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Roadeo, open houses, Route 66 Rendezvous, etc.
3. Training is an on going process for the Construction Division. All construction field office personnel have been through a 6 hr class, “Storm Water Control on Construction Projects “ /#GOC017. All construction field office Seniors and Resident Engineers are also to attend a “Storm Water Control on Construction Projects Management” this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.
District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on non-point source storm water pollution using the District’s Enviroscape watershed model. Hand-outs describing the Department’ Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscape watershed model as part of the District’s “Bring your Child to Work Day”. The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
As development of an MS4 permit for the Victorville/Adelanto/Apple Valley/Hesperia metropolitan area develops, District Storm Water Unit personnel will coordinate with those communities as their programs develop.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

6

CALTRANS DISTRICT

9

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 9

LAHONTAN REGION 6

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 9

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LAHONTAN REGION 6
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020

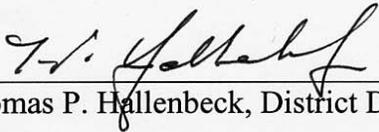


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 9**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region 6**

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)]



Thomas P. Hallenbeck, District Director

2/1/03
Date

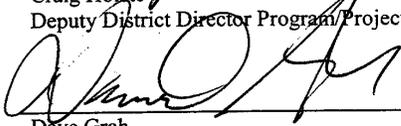
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 9

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Lahontan Region 6

April 1, 2003

California Department of Transportation District 9

 _____ Craig Holste Deputy District Director Program/Project Management	<u>1/27/03</u> Date
 _____ Dave Grah Deputy District Director Maintenance & Operations	<u>27 JAN 03</u> Date
 _____ Katy Walton Deputy District Director Planning	<u>1/27/03</u> Date

2003/2004 REGIONAL WORK PLAN

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on Districts 1 and 2, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 9 fall within the jurisdiction of the Lahontan Regional Water Quality Control Board (RWQCB) Region 6 and Central Valley RWQCB Region 5. Its geographic boundaries are limited to Inyo and Mono Counties, but the District’s roadway planning and maintenance responsibilities overlap onto State Routes (SRs) 14, 58, 178, 202, and US 395 located in Eastern Kern and SRs 127 and 178 in Northern San Bernardino County.

An organization chart for District 9 is included in Figure 2-1 on Page 2-3. Staff responsible for implementing the SWMP within the Lahontan RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: KEY DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Mark A. Heckman	District NPDES Storm Water Coordinator	(760) 872-0734	Mark_Heckman@dot.ca.gov	Primary contact for administrative storm water issues within District.
Randy Wright	District Storm Water Maintenance Coordinator	(760) 872-0633	Randy_Wright@dot.ca.gov	Primary contact for storm water Haz Mat, and Vegetation Control issues.
Monty Packard	District Storm Water Supervisor	(760) 872-5299	Monty_Packard@dot.ca.gov	Secondary contact for Maintenance storm water issues.
Terry Gess	District Storm Water Permits Coordinator	(760) 872-0674	Terry_Gess@dot.ca.gov	Primary contact for Permits within the District.
R. Steve Miller	District Landscape Architect	(760) 872-0784	R_Steve_Miller@dot.ca.gov	Primary contact for Landscape storm water issues within the District.
Christopher Dionisio	Central Region Storm Water Design Coordinator	(760) 872-5212	Christopher_Dionisio@dot.ca.gov	Primary contact for Design storm water issues within the District.
Dan Holland	Central Region Storm Water Environmental Coordinator	(760) 872-3021	Dan_Holland@dot.ca.gov	Primary contact for Environmental storm water issues within the District.
Luis Elias	Central Region Construction Storm Water Coordinator	(760) 872-5251	Luis_Elias@dot.ca.gov	Primary contact for Construction storm water issues within the District.
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	Marc_Boswell@dot.ca.gov	Primary contact for storm water issues in the Central Region.

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Individual/Position	Documents Authorized for Signature
Thomas P. Hallenbeck, District Director	All District Documents
Dave Grah, Deputy District Director – Maintenance	All District Documents, except Regional Work Plan and Annual Report
Craig Holste, Deputy District Director – Program Management	All District Documents, except Regional Work Plan and Annual Report
Katy Walton, Deputy District Director – Planning and Programming	All District Documents, except Regional Work Plan and Annual Report

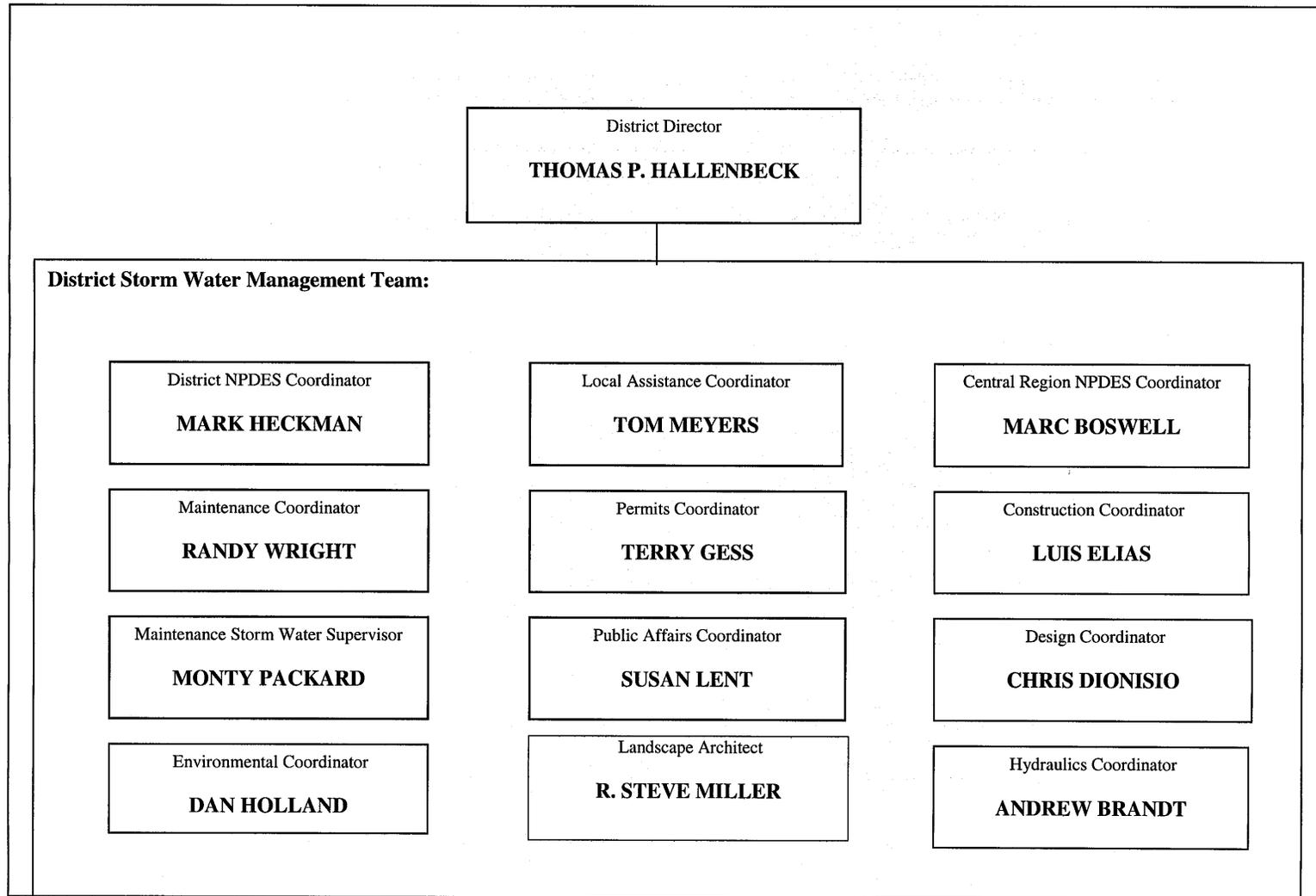


Figure 2-1
District 9 Organizational Chart for the Storm Water Program

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department’s facilities, excluding roadways, is presented in Table 3-1. A map showing District 9 boundaries within the Lahontan and the Central Valley RWQCBs, and major roads and highways are presented in Figure 3-1.

TABLE 3-1: DISTRICT 9 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Inyo	006	0.13	Bishop	Highway Maintenance
Inyo	127	14.7	Shoshone	Highway Maintenance
Inyo	190	107.4	Death Valley	Highway Maintenance
Inyo	395	73.8	Independence	Highway Maintenance
Kern	058	112.3	Mojave	Highway Maintenance
Kern	178	92.0	Inyokern	Highway Maintenance
Kern	202	10.5	Tehachapi	Highway Maintenance
Mono	395	18.0	McGee Creek	Highway Maintenance
Mono	395	34.2	Crestview	Satellite
Mono	395	51.6	Lee Vining	Highway Maintenance
Mono	395	76.0	Bridgeport	Highway Maintenance
Mono	395	93.8	Sonora Junction	Highway Maintenance
Vista Points				
Inyo	190	47.4	Father Crowley	
Mono	395	4.1	Sherwin Grade	South Bound
Mono	395	4.7	Sherwin Grade	North Bound
Mono	395	62.5	Mono Lake	
Commercial Vehicle Enforcement Facilities				
Inyo	395	111.3	Warm Springs	CHP Tow-in-scale location
Kern	058	81.0	Keene	
Kern	058	105.5	Cache Creek	
Mono	395	116.9	Topaz Lake	CHP Tow-in-scale location
Roadside Rest Areas				
Inyo	395	R17.7	Coso Junction	17 mi. S of Jct. Route 395/190
Inyo	395	R83.9	Division Creek	10 mi. N of Independence

TABLE 3-1: DISTRICT 9 FACILITIES (Continued)

Kern	058	139.0	EB Boron	27 mi. E of Mojave
Kern	058	139.0	WB Boron	27 mi. E of Mojave
Mono	395	32.4	Crestview	1.6 mi. S of Crestview
Park and Ride Facilities				
Kern	178	103.8	Ridgecrest	NW corner of Richmond Rd
CO	Route	PM	Name	Comments
Sand and Salt Staging Areas				
Inyo	395		Lone Pine	Sand and Salt Storage
Kern	058	90.72	Tehachapi	Sand and Salt Storage
Mono	203	2.2	Minaret	Sand and Salt Storage
Mono	395	3.2	Sherwin Grade	Sand and Salt Storage
Mono	395	63.6	Conway Summit	Sand and Salt Storage
Snow Storage Sites				
Mono	158	1.0	June Lake	Snow storage site
Mono	158	2.8	June Lake	Snow storage site
Mono	395	76.8	Bridgeport	Snow storage site
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

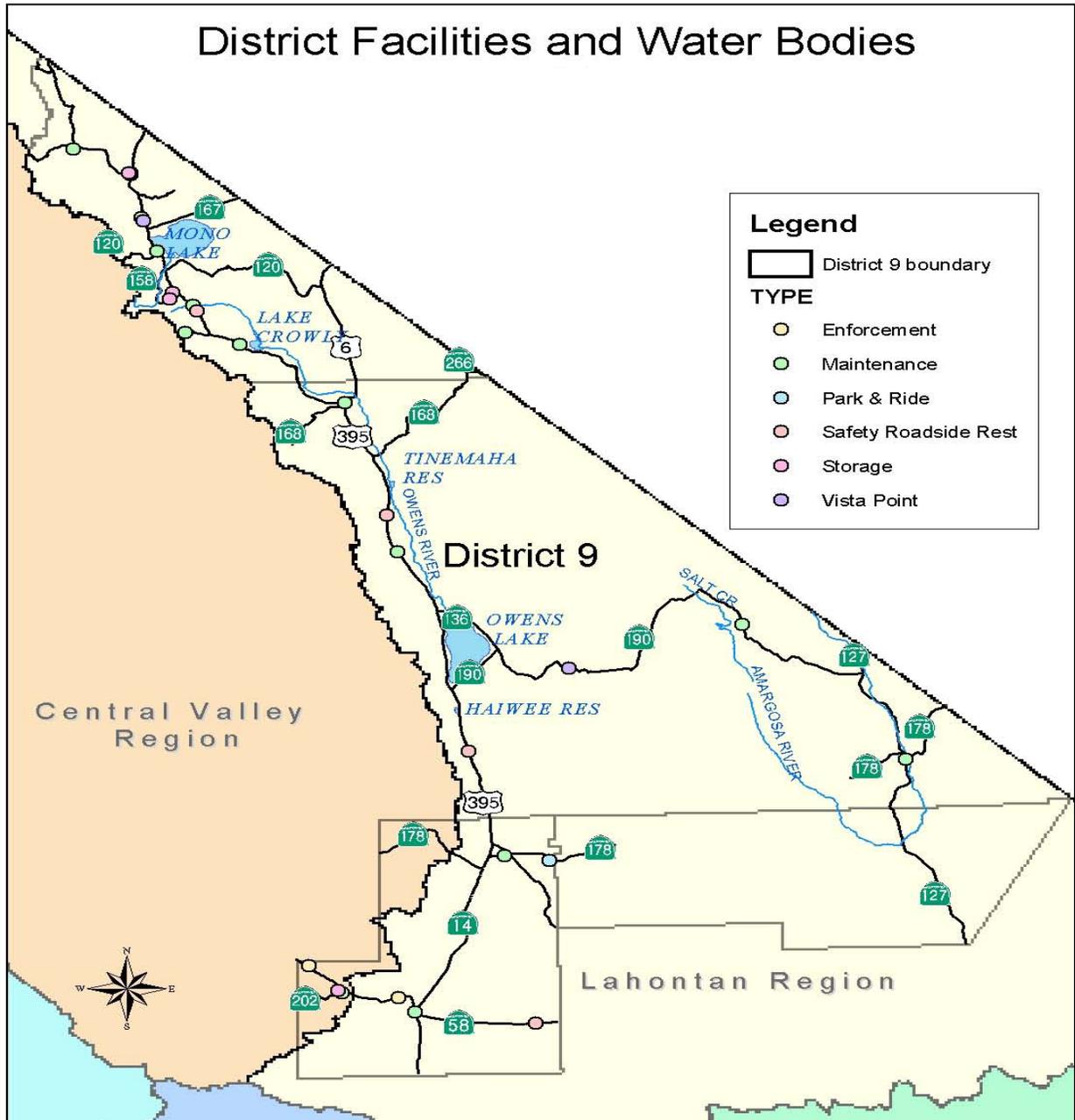


Figure 3-1
District Facilities and Water Bodies

4.0 HIGH RISK AREAS

A list of high-risk areas within District 9 is presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from the Department’s right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 158, PM 2.3/3.3	Mono	June Lake System	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMP's used during projects will be considered as required.
SR 158, PM 3.3/14.4	Mono	June Lake Down Canyon	Used as a domestic water supply during peak use periods only. Accidental spills have the potential to immediately impact the drinking water resource before response actions could be initiated.	Evaluation of appropriate and cost effective BMP's used during projects will be considered as required.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs, new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the fiscal year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a water body within the project limits designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department);
- The project is a storm water retrofit project (SWMP Section 4.4.2);
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit;
- The project limits are within a “High Risk Area,”; and
- The project is designated by a RWQCB as posing a potential threat to water quality.

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1 and Table 5-2.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	06-39680	KER	58	L5719	Cache Creek Maintenance Station- Construct new maintenance station		SWPPP	>5	9/00	12/01	1/04	6/04	12/05
2	A	09-30110	INY	0	L5949	Scenic pullouts at various locations.		SWPPP	5+	7/02				
3	D	09-28430	INY	6	0.1/8.4	Thick blanket (CAPM) near Bishop on Rte 6 from Wye Rd. to 0.2 KMs of Chalfant Rd (KP 0.2/13.4; KP 0.0/7.2	Owens River	SWPPP 303(d)	30		5/02	7/02	4/03	6/03
4	A	09-30520	INY	127	0.0/49.4	Operational improvements near Shoshone from Rte 15 in SB Co. to the Nevada Stateline, at various locations (KPX 0.0/79.5). Special studies.		401	<5	12/01				
5	A	09-29690	INY	190	28.8/33.0	Drainage improvement near Keeler from 6.8 KM East Junction Rte 136 to 2.7 KM West Talc City Rd (KPX046.3-X053.1)	Centennia Wash	SWPPP 401	20	12/01	12/07	10/08	5/09	4/10

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
6	A	09-3048 0_	INY O	190	65.9/7 5.0	Realignment near Panamint Springs from 0.8 KM East Vista Point to 2.4 KM West Wildrose Road (KPX106.1/120.7)	Panamint Springs	SWPPP	40	7/02	7/05	7/06	2/07	7/08
7	B	09-2731 0_	INY O	395	112.9/ 115.0	Widening, dig outs, and AC overlay near Bishop from Warm Springs Rd to J St in Bishop (KPX181.7/X185.1)		SWPPP	5+	11/94	2/03	10/04		
8	A	09-3006 0_	INY O	395	17.9	Construct new SB SRR near Coso Junction at Coso Rd (KPX28.8)		SWPPP	5+	8/01				
9	B	09-2148 0_	INY O	395	70.3/7 6.1	Widen to 4 lane expressway near Independence from 4.3 KM South Mazourka Canyon Rd to 1.0 KM North Shabbell Lane (KPX113.1/X122.8)	Symmes Creek, Independence Creek	SWPPP	8	7/97	10/03	10/05	7/06	10/08

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
10	B	09-21460_	INY O	395	77.3/91.6	Widen to 4 lane expressway near Independence (Blackrock) from 0.3 KM North to North Fort Rd to 0.2 KM South of Elna Rd (KPX124.4/X147.4)	LA Aqueduct, Sawmill Creek, Gooddale Creek, Division Creek, Taboose Creek	SWPPP 401 303(d) (Gooddale Creek)	300	7/97	1/04	3/05	2/06	7/08
11	A	09-30150_	INY O	395	84.0	Rehab existing rest area near Independence at Division Creek Roadside Rest (KPX135.2)	Canal	401	<5	12/01				
12	A	09-30330	INY O	395	84.0	Construct new SB SRR near Big Pine at Division Creek Safety Roadside Rest (KPX135.2)	Canal	SWPPP	5+	8/01				
13	B	09-25800	INY O	395	117.8/122.4	Ed Powers Rehab-Recycle, widen shoulders, AC overlay.	McGee Creek	SWPPP	10	11/94	9/04	9/05	4/06	12/06
14	B	09-21340	INY O	395	30.8/41.8	Construct 4 lane expressway (Olancha).		SWPPP	8	1/99	8/04	11/08		
15	B	09-28790	INY O	395	99.0/100.8	Sidewalks, drainage, AC overlay.	Big Pine Creek	401 SWPPP	18	8/99		8/03	2/04	12/04

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
16	B	09-29550	INY O	395	R0.0/R8.6	Widening, curve realignment, overlay.		401	5	8/99	2/06	8/07	3/08	10/09
17	B	09-21440_	INY O	395	R65.2/R71.2	Widen to 4 lane expressway near Independence (Manzanar) from 0.6 KM South of LADWP Aqueduct Bridge # 48-14 to 2.9 KM South of Mazourka Canyon Rd (KPX104.9/114.6)	George Creek, Bairs Creek, Shepard Creek, LA Aqueduct	SWPPP 401	160	6/91	1/04	7/05	12/05	1/08
18	B	09-26350_	MN O	0	L5705	Construct new maintenance station near Lee Vining 2.6KM South of the North Junction of Rte 158.		SWPPP	5+		10/02			
19	B	09-30700	MN O	108	0.0/15.0	Sonora Drainage IV- Drainage Improvements near Sonora Junction from Toulumne County line to Junction Route 395	Sardine Creek, Leavitt Creek, West Walker River	401 SWPP	1		6/03	11/03	6/04	11/04
20	D	09-27970_	MN O	108	3.0/3.1	Replace bridge in Mono County about 19 KM West of Sonora Junction at Soda Creek Bridge.	Soda Creek	401	<5	9/97	6/99	10/00	3/01	11/02

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
21	D	09-28810	MN O	158	0.0/6.0	Resurfacing roadway (CAPM) near June Lake from Junction Rte 395 to 0.2 KM North of Power House Rd (KPX0.0/9.7)	June Lake, Gull Lake, Reverse Creek	SWWWP 401 303(d) HR	6	8/99	10/99	8/02	3/03	11/03
22	A	09-23770_	MN O	395	117.9/ 119.4	Realign & curve correction near Topaz (High Point) from 1.4 KM North Rte 89 to 0.8 KM South of Nevada Stateline (KPX189.7/192.2)	Topaz Lake	SWPPP 303(d)	70	7/02	10/07	4/09		10/11
23	B	09-26990	MN O	395	52.8/5 5.9	Widen shoulders & construct pullouts near Lee Vining from 0.5 KM South Picnic Ground Rd to 0.3 KM North of Cemetery Rd (KPX85.0/90.0)	Mono Lake	SWPPP 401 303(d)	5+	7/97	10/03	1/05	5/06	1/07
24	A	09-26410_	MN O	395	57.8/6 0.2	Widen to 4 lanes near Mono Lake from 0.6 KM South Rte 167 to 0.3 KM North Conway Ranch Rd (KPX93.0/X96.9)		SWPPP	5+	7/01	5/04	6/06	3/07	10/07

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	**SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
25	C	09-28840	MN O	395	63.0/63.3	Conway Slopes restoration-Phase I-grading and site preparation near Mono Lake from .8 KM south to .3 KM south of Virginia Lakes Road		SWPPP	5		11/01	1/03	8/03	11/03
26	B	09-30430_	MN O	395	66.0/68.0	Widen shoulders and construct pullouts near Mono Lake from 4.0 KM North Virginia Lakes Rd to 3.0 KM South Junction 270.		SWPPP	5+	2/02	7/09	12/11	5/12	11/13
27	B	09-28010	MN O	395	109.7/114.7	Topaz-Larsen Turn Lane-Construct left turn pocket near Coleville from .5 KM south of Larsen Lane to 1.0 KM north of Topaz Lane		SWPPP	6		12/03	12/04	6/05	10/05
28	B	09-26900_	MN O	395	R0.0/R10.3	AC overlay, shoulder widening		SWPPP	5+	11/94	11/04	11/06	7/07	1/03

TABLE 5-1: DISTRICT 9 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

* Criteria

SWPPP	=	Greater than 5 acres of land disturbance
303d	=	303 (d) listed water body within project limits and affected by project
401	=	401 Certification/Waiver required
SEP	=	Supplemental Environmental Project
Retro	=	Storm Water Retrofit Project (SWMP 4.4.2)
LT	=	Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	=	Project limits within High Risk Area
RB	=	RWQCB designated project as a potential threat to water quality

** SWMP Category is defined in Section 4.4.1, Table 4-3.

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved, but Environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
Inyo	395	0-11.8	Grinder Digouts and Machine placed Blankets	Little Lake	HR	03/03	07/03
Inyo	395	31.28	Paint Bridge	Los Angeles aqueduct	HR	03/03	07/03
Mono	158	12.0-15.8	Machine Placed Blankets	Grant Lake	HR	03/03	07/03
Mono	270	0-13.3	Grader Blankets and Crack seal	Clearwater Creek	303d	12/02	07/03
Mono	395	12.6-32.3	Crack Seal	Mammoth Creek	303d	12/02	05/03
Mono	395	12.6-36.1	Chip Seal	Mammoth Creek	303d	03/03	07/03
Maintenance Facility and Activity Inspections							
Activity Inspections will be conducted annually as described in the SWMP.							
All 13 Maintenance Facilities are scheduled for annual inspections by the District Storm Water Coordinator and/or District Maintenance Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
Guidelines for BMPs at sand storage sites are currently under development and will be detailed upon completion.							
Triangular silt dike barrier along with other BMP's are being installed for stock piles on road and in maintenance facilities in an on-going effort.							
Maintenance BMP Actions/Modifications							
Review Maintenance Stations and Operations with Supervisors and implement new BMP technologies, as they become available.							
Review new and approved BMP's as they become available and implement as appropriate.							
Review existing BMP's and modified as needed.							

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the Statewide Monitoring Program described in the Storm Water Monitoring Plan FY 2002/03.
Monitoring the Storm Water outflow at Lee Vining Maintenance Station.
Continued monitoring at the storm water runoff station located on the northbound U.S. Hwy 395 PM 0.17/0.2.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Initiated sampling and analytical plans for construction, 1 acre SWPPP.
Training and Public Outreach
BMP training is given every 10 days to the maintenance crew by the MTCE supervisor at the local facility.
Formal BMP training is provided to maintenance crews once a year by the District Storm Water staff in the field on a region basis.
Salt and cinder calibration training will be provided to the maintenance crew on an annual basis to train employee how to operate the sander/spreader controls.
P.P.D.G. training will be given to Design personnel on an as needed basis.
Construction storm water BMP training will be given on an as needed basis.
The Department will represent our Storm Water program with two presentation booths within District 9, during the two County Fairs held within the District. Numerous flyers and brochures relating to the Department's storm water efforts will be passed out to the public; some of these may include "Don't trash California" stickers and "Only Rain Down the Drain" notepads and stickers.
Municipal Coordination
Coordination with Inyo and Mono Counties is continuous throughout all phases of projects.
Coordination throughout the Inter-Governmental Review/CEQA process on storm water issues is continuous.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **6**

CALTRANS DISTRICT
10

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 10

LAHONTAN REGIONAL

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 10

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**LAHONTAN REGIONAL
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



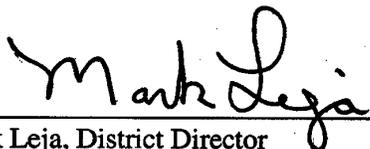
CALIFORNIA DEPARTMENT OF TRANSPORTATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 10**

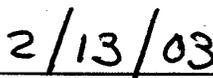
**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Lahontan Region**

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)]



Mark Leja, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 10, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 10 fall within the jurisdiction of the Regional Water Quality Control Board, Lahontan Region. A Department Districts 5, 6, 10 and Central Region Storm Water Organizational Chart is included as Figure 2-1 on page 2-2. Staff responsible for implementing the SWMP within the Lahontan Region jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Marc Boswell	Central Region NPDES Coordinator	(559) 243-3565	marc_boswell@dot.ca.gov	Primary contact for all Central Region storm water issues.
Kerry Molz	District NPDES Storm Water Coordinator	(209) 942-6167	kerry_molz@dot.ca.gov	Primary contact for all District 10 storm water issues.
Raafat Shehata	Central Region Storm Water Construction Coordinator	(559) 243-8691	Raafat_Shehata@dot.ca.gov	Primary contact for construction-related storm water issues.
Logan Houston	District 10 Maintenance Storm Water Coordinator	(209) 576-6315	lhouston01@dot.ca.gov	Primary contact for maintenance-related storm water issues.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Mark Leja, District Director	All District-related storm water documents
Marc Boswell, Regional Storm Water Coordinator	All Central Region storm water-related documents except Annual Report Certification
Design Seniors	Notification of Construction
Maintenance Superintendent	Maintenance activity reports
Resident Engineers	SWPPP Approval, Notice of Completion of Construction

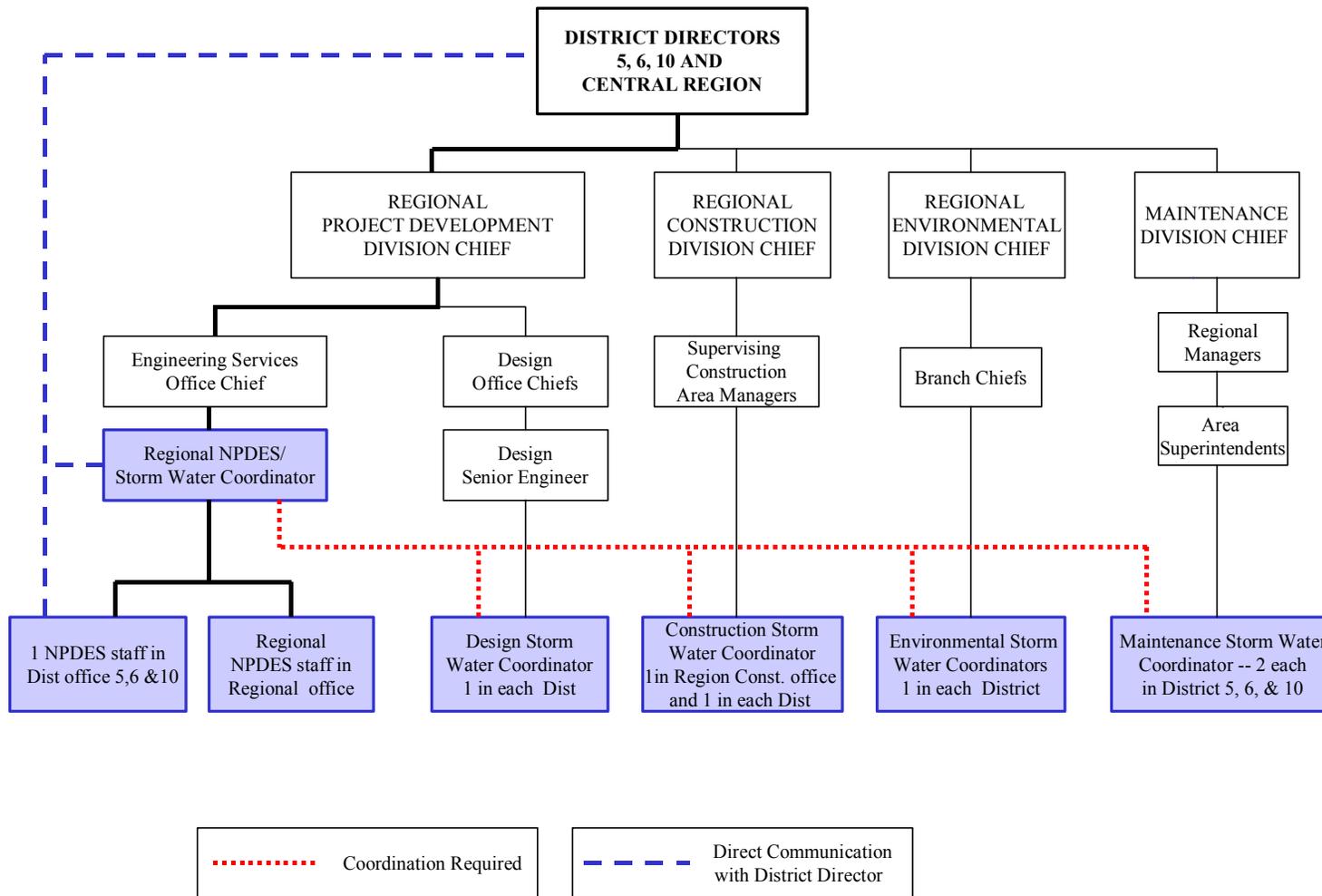


Figure 2-1
Districts 5, 6, 10 And Central Region Storm Water Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department’s facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department’s facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 10 boundaries within the Lahontan Regional Water Quality Control Board and major roads and highways are presented on Figure A-20 located in the Statewide Storm Water Management Plan.

TABLE 3-1: DISTRICT 10 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
ALP	89	21.7	Woodfords	Highway Maintenance
Vista Points				
ALP	88	5.6	Carson Pass	Vista Point
Commercial Vehicle Enforcement Facilities				
None				
Safety Roadside Rest Areas				
None				
Park And Ride Facilities				
None				
Sand And Salt Staging Areas				
ALP	88	13.4	Picketts	Sand and Salt Storage
Snow Storage Sites				
None				
Toll Road And Toll Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department’s facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

There are no high risk areas identified within District 10 Lahontan Region. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department's owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
N/A	N/A	N/A	N/A	No High Risk Areas were identified within the District 10 the Lahontan Region.

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Mr. Mark Rayback, Chief, Environmental Engineering, California Department of Transportation, and Mr. Harold Singer, Executive Officer, California Regional Water Quality Control Board, Lahontan Region, agreed the Department would submit SWPPPs or WPCPs for all projects located within the Lake Tahoe Hydrologic Unit to the Lahontan Regional Board for their review and requested modifications no later than 30 days prior to beginning construction activities. District 10 lies entirely outside the Lake Tahoe Hydrologic Unit boundaries, and therefore, has no projects to report.

Table 5-1 lists District 10 eastern Alpine County projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in

current and/or past Annual Report(s). A legend is provided for Tables 5-1 and 5-2 that identifies abbreviations used for the project criteria.

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 10 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE IN LAHONTAN REGION

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	A	10-0J600	ALP	88	0/6	Roadway Rehabilitation		SWPPP	<5	9/03	NA	NA	NA	NA
2	A	10-0E980	ALP	89	14.9/21.2	(CAPM)		SWPPP	<5	9/03	NA	NA	NA	NA

NA Not Available

Criteria

- SWPPP greater than 5 acres of land disturbance
- 303d 303(d) listed
- 401 401 Cert,

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)
Maintenance Facility and Activity Inspections
Woodfords Facility is scheduled for annual inspections by the District Maintenance Storm Water Coordinator.
Four Maintenance Activities are scheduled for review, included are paving, shoulder backing, crack sealing, and vegetation spraying.
Maintenance Facility BMP Improvements
Material Storage Bin Canopies are scheduled for Tracy, Patterson, Modesto, Pine Grove MS
Drain inlet silt traps scheduled for installation in Woodfords, Pine Grove, Longbarn MS
Maintenance BMP Actions/Modifications
Shoulder maintenance improvements
Vactor waste disposal
Snow and Ice removal
Road Grinding Reuse
Vegetation Management and Vegetated Slope Management
Vegetation Control Plan: The District 10 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items: <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing Program
Districts will provide the VCP for FY 2003/04 to the RWQCB by May 15, 2003.
Vegetated Slope Evaluation: The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.
The Inspection Schedule is Pending Program Approval by the SWRCB

(1) Major road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring & Research Program Characterization Monitoring Plan FY 2002-2003.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Maintenance: <ul style="list-style-type: none"> • On-going training on storm water issues will be provided to crews through the BMP Tailgate meetings every ten days or change of activities. • Six hour SW training given to the Maintenance Crews through Superintendent including shop personnel and field mechanics • Two-day training seminars are planned for each of the District maintenance and construction supervisors.
Construction: For FY 03/04 Central Region Construction plans to train all construction field staff on storm water pollution construction that have not been previously trained. This includes staff that missed training during 02/03 and new hires. New training modules will be developed for Phase II permit changes and Sampling and Analyses requirements.
Adopt-A-Highway: The Department's Adopt-A-Highway program is a continual reminder to participants and to the public of pride in their public property and of the unacceptability of proliferation of litter.
Pending Headquarters approval and disbursement of funds, the Central Region will: 1) develop and distribute five distinctive storm water pollution prevention informational fact sheets to be utilized for MS4 coordination and public education activities; one fact sheet will be developed and distributed to address the unique water quality challenges presented by each RWQCB office within the Central Region; 2) develop content for, and purchase a portable storyboard to be used for presentations and static displays for permit-related public education efforts; and 3) purchase three notebook computers and two portable digital projectors to be used for permit-related training, presentations, MS4 coordination, and other activities where computing portability is necessary to achieve permit compliance.
Municipal Coordination
District 10 participates in cooperative meetings with municipalities located within the District. Coordination efforts are focused on sharing of information, public education, storm drain stenciling coordination, and training. The District 6 storm water coordinator also participates in the California Stormwater Quality Association
Municipal counterparts are notified of spills on Department property that might affect them. Representatives of municipalities and other local agencies are encouraged to attend and participate in Department Maintenance training meetings. Contacts are promoted to allow Department participation in other agency training. Maintenance Supervisors are encouraged to establish networks with local agencies. The Department Permits Department is included in Maintenance training, and a mentoring effort is made with Permits engineers, inspectors, and their permittees.
See Training and Public Outreach above for additional planned municipal coordination activities.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

7

CALTRANS DISTRICT

8

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 8

COLORADO RIVER BASIN REGION 7

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 8

STORM WATER MANAGEMENT PROGRAM REGIONAL WORK PLAN 2003/2004

FOR

COLORADO RIVER BASIN REGION 7 WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 8**

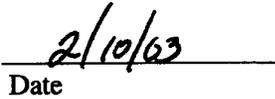
**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Colorado River Basin Region**

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)]



Anne Mayer, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 8 water bodies, Best Management Practices (BMPs) and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Portions of the Department District 8 fall within the jurisdiction of the Colorado River Basin Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the Colorado River Basin Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Mark Leichtfuss	Engineering Services Storm Water Coordinator	(909) 383-4999	Mark_Leichtfuss@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
John Marcinek	Project Management Storm Water Coordinator	(909) 383-6722	John_Marcinek@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Melvin Mendez	Operations Storm Water Coordinator	(909)383-7975	Melvin_Mendez@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Tim Watkins	Resource Management Storm Water Coordinator	(909)383-6819	Tim_Watkins@dot.ca.gov	Primary contact for Resource Management-related storm water issues.

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	All District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC,NOC
Maintenance Senior	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports

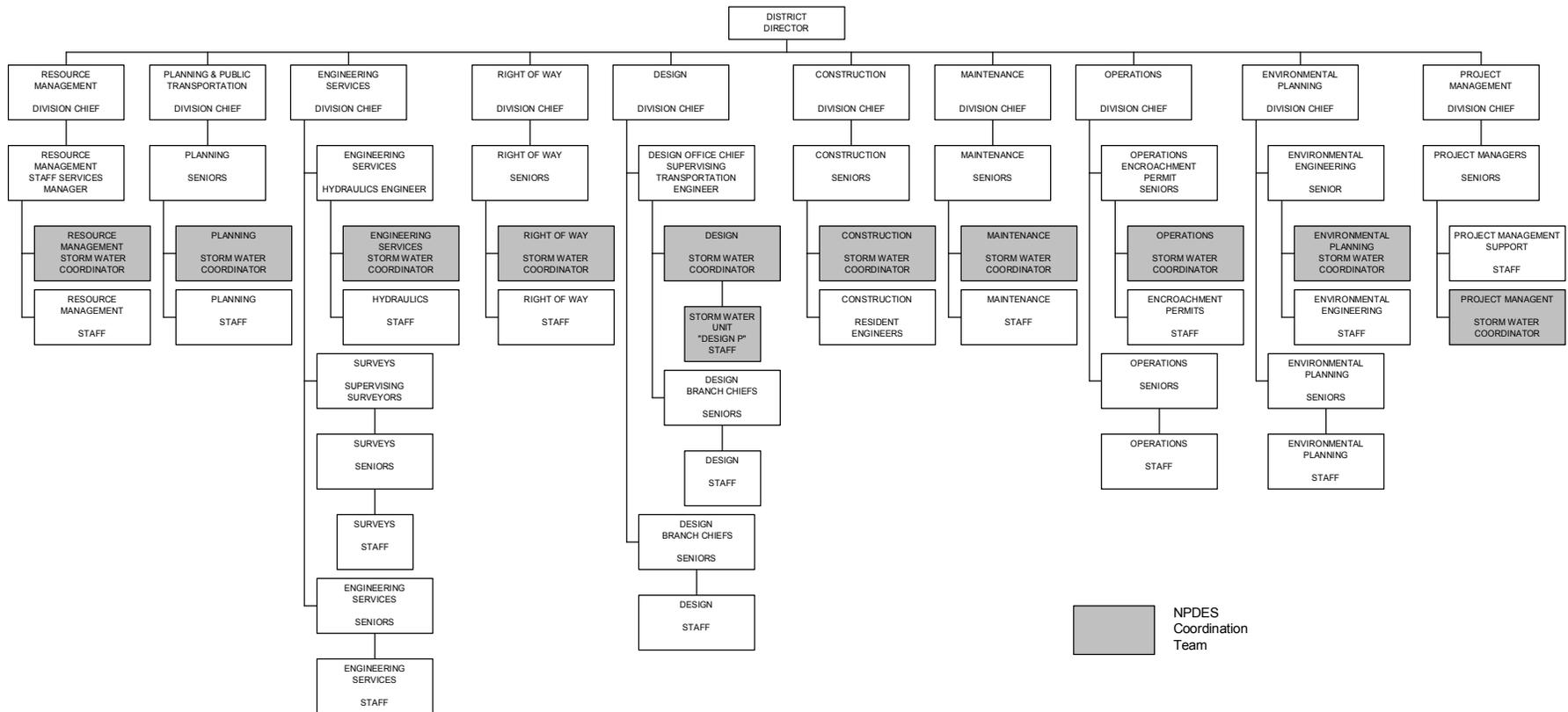


Figure 2-1
Organizational Structure of District 8 Storm Water Program

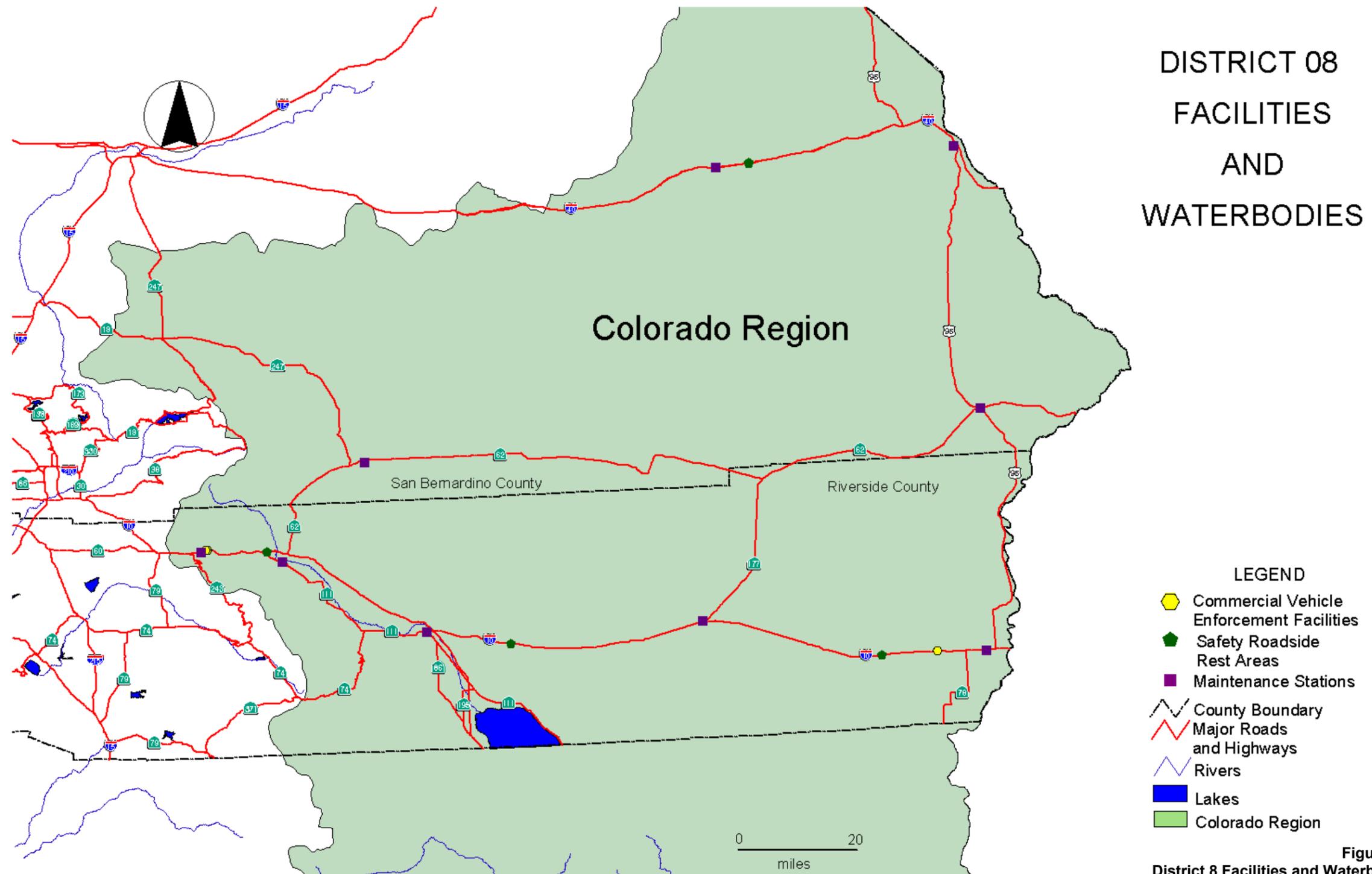
3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the Santa Ana Regional Water Quality Control Board, and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
RIV	86	2.8	Indio	Land. & Maint.
RIV	10	104.5	Desert Center	Maintenance
RIV	10	152.6	Blythe	Land. & Maint.
RIV	10	14.6	Banning	Land. & Maint.
RIV	62	125.8	Vidal Junction	Maintenance
SBd	62	15.1	Paradise Valley	Maintenance
SBd	40	99.7	Essex	Maintenance
SBd	40	143.7	Needles	Land. & Maint.
Vista Points				
RIV	74	87.6	Coachella Valley	
Commercial Vehicle Enforcement Facilities				
RIV	10	R15.8	Deserts Hills	WB
RIV	10	R15.9	Deserts Hills	EB
RIV	10	R144.49	Blythe	WB
Roadside Rest Areas				
SBd	40	R106.0	Wilkie at Fenner	EE
SBd	40	R106.1	Wilkie at Fenner	WW
SBd	10	R72.0	Cactus City	EE
SBd	10	R72.1	Cactus City	WW
RIV	10	26.2	Whitewater	EE
RIV	10	26.2	Whitewater	WW
RIV	10	R135.0	Wiley's Well	EW
Park and Ride Facilities				
None				
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>



**Figure 3-1
District 8 Facilities and Waterbodies**

4.0 HIGH RISK AREAS

No high risk areas have been identified in District 8 within the Region. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Tables 5-1 and 5-2.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
1	A	47860	RIV	086	16.7	construct grade separation and ramps (on hold-wait for results of signal project before proceeding.)	Unknown	SWPPP	8	9/2001	6/2001	8/2002	2/2003	8/2003
2	A	35902	SBD	062	0.8-9.6	shoulder widening and realignment (94 shopp amend appv. 9/2/94 to revise limits.) (98 shopp amend 98h-39 appv 2/25/99 increased r/w cost)	None	SWPPP	37	6/1992	12/2001	6/2002	7/2003	10/2004
3	A	0A570	SBD	062	142.6	install scour monitoring device	Colorado River	401	0					
4	B	46272 (3348U)					Santa Ana	SWPPP			11/01/01	04/27/01	01/01/03	10/01/03
5	B	44910	RIV	111	1.4-1.7	replace bridge	Salton Creek	303(d)	pending	9/2001	4/2001	9/2002	2/2003	10/2003
6	B	37870	SBD	062	142.3-142.9	replace bridge (bridge scour project)	Colorado River	SWPPP 401, HR	10	6/1998	8/2002	7/2003	4/2004	7/2005

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (CONTINUED)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
7	B	35480	RIV	060	0-7.5	add 2 hov lanes & 2 mf lanes	San Sevine Channel	SWPPP	30.0	1/1992	4/2002	2/2003	6/2003	10/2005
8	B	45600	RIV	010	42.6-43.9	construct bob hope dr extension with a new diamond interchange	None	SWPPP	48	1/1998	07/02	05/03	7/2003	7/2005
9	C1a	42814	RIV	086S	3.2-5.2	construct frontage roads	Kings Stormwater Channel	SWPPP 401	10	12/1998	2/2001	2/2002	7/2002	1/2003
10	C1b	44450	SBD	247	31.3-32.4	realign curve and widen shoulders		SWPPP	17	12/1997	11/1999	9/2001	5/2002	2/2003
11	C2	4612U	RIV	010	60.9-81.5	rehabilitate pavement		SWPPP	5	10/1998	10/1998	2/2002	11/2002	11/2003
12	A	0A650	RIV	010	18.0-18.8	construct new interchange		SWPPP	40	9/2001	12/2003	2/2005	8/2005	12/2007

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

****SWMP Category** is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
RIV	10	28	none		303(d)	Varies	Varies
RIV	111	1.5, 23.5, 60	none		303(d)	Varies	Varies
RIV	195	5.5	none		303(d)	Varies	Varies
Maintenance Facility and Activity Inspections							
For the year 2003-2004 Desert Center, Indio, Paradise Valley, and Vidal Junction Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
Additional Storage buildings have been purchased for Maint. Facilities, Stock-pile have has run-off BMP's put in place, new technology is being explored							
Maintenance BMP Actions/Modifications							
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.							
Improve BMPs at Vactor sites and stock pile locations							
Improve BMP's at Material Storage areas. New buildings have been purchased							
Vegetation Management and Vegetated Slope Management							
The District 8 Vegetation Control Plan (VCP) for FY 2003/04 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Vegetated Slope Evaluation							
County	Route	PM	Inspection Schedule	Remediation Action Planned			
Sbd	10		2003				

(1) Major roadway maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body with project limits and affected by project

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Retro	= Storm Water Retrofit Project (SWMP 4.4.2)
LT	= Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
HR	= Project limits within High Risk Area
RB	= RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 03/04.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits “rate” the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Project Planners and Designers on the following topics: Procedures of the Project Planning and Design Guide (PPDG), Permanent Erosion Control, Temporary Erosion Control, Storm Water Data Report Preparation, and the design of Treatment BMPs.
2. Training is an ongoing process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affair Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Rodeo, open houses, Route 66 Rendezvous, etc.
3. Training is an ongoing process for the Construction Division. All construction field office personnel have been through a 6 hr class, “Storm Water Control on Construction Projects “ /#GOC017. All construction field office Seniors and Resident Engineers are also to attend a “Storm Water Control on Construction Projects Management” this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.
District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on non-point source storm water pollution using the District’s Enviroscape watershed model. Hand-outs describing The Department’ Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscape watershed model as part of the District’s “Bring your Child to Work Day”. The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
District Storm Water Unit staff will participate in monthly coordination meetings of the Coachella Valley MS4 Co-Permitees

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION



CALTRANS DISTRICT

11

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 11

COLORADO RIVER BASIN REGION 7

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 11

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

COLORADO RIVER BASIN REGION 7
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Colorado River Region 7
Fiscal Year 2003/2004
April 1, 2003**

California Department of Transportation Districts 11

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)]



PEDRO ORSO-DELGADO
District Director

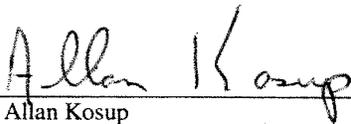
CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 11

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
Colorado River Basin Region 7

April 1, 2003

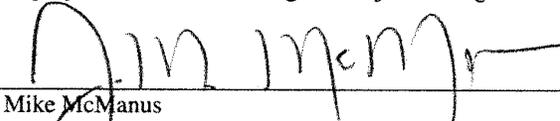
California Department of Transportation District 11



Allan Kosup
Deputy District Director Program/Project Management

3/6/03

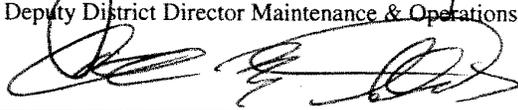
Date



Mike McManus
Deputy District Director Maintenance & Operations

3/4/03

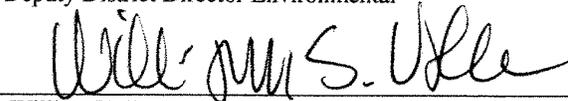
Date



Charles "Muggs" Stoll
Deputy District Director Environmental

3/4/03

Date



William Valle
Deputy District Director Engineering

3/5/03

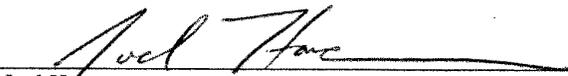
Date



Richard A. Hopkins
Deputy District Director Construction

3/6/03

Date



Joel Haven
Deputy District Director Design

3/5/03

Date

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 11 fall within the jurisdiction of the Colorado River Basin Regional Water Quality Control Board. Organization charts for District 11 are included in Figure 2.1, District 11 NPDES Team Organizational Chart. Staff responsible for implementing the SWMP in the Colorado River Basin Regional Water Quality Control Board include NPDES Program Manager, Cory Binns, District NPDES Coordinator, and other responsible staff as appropriate. A list of the key contacts is provided in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

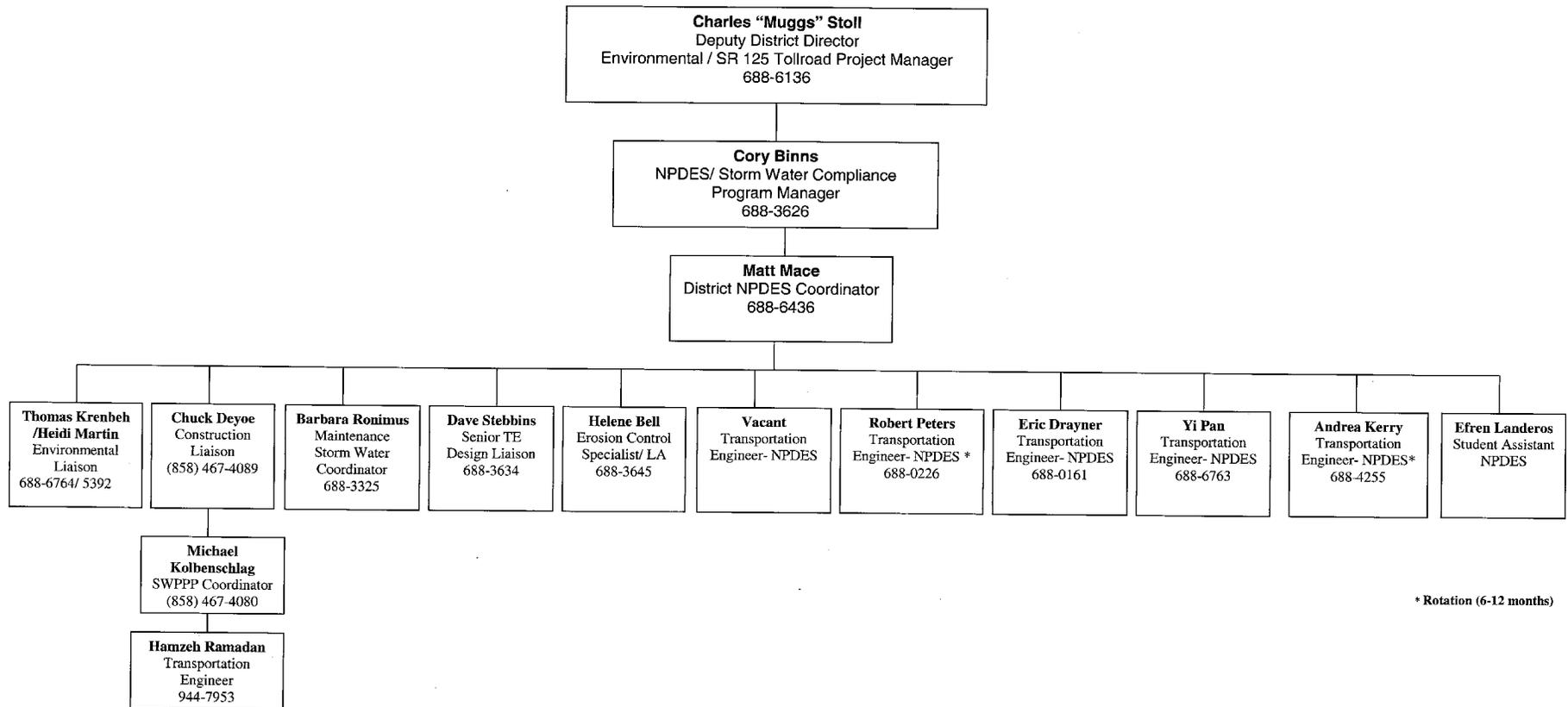
Staff	Title	Phone Number	E-Mail Address
Cory Binns	Program Manager	(619) 688-3626	Cory Binns@dot.ca.gov
Matt Mace	District NPDES Coordinator	(619) 688-6436	Matt Mace@dot.ca.gov
Dave Stebbins	District Design Storm Water Coordinator	(858)688-6676	David Stebbins@dot.ca.gov
Michael Kolbensschlag	District Construction Storm Water Coordinator	(858)467-4080	Michael Kolbensschlag@dot.ca.gov
Barbara Ronimus	District Maintenance Storm Water Coordinator	(619) 688-3325	Barbara Ronimus@dot.ca.gov

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
NPDES Program Manager	All District Documents with except of Regional Work Plan (RWP)
District NPDES Coordinator	Notification of Construction (NOC)
	Notice of Completion of Construction (NOCC)
	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
	Notice and Report of Non-Compliance
Construction Storm Water Coordinator	Notice and Report of Non-Compliance for Construction Projects
Maintenance Storm Water Coordinator	Notice and Report of Non-Compliance for Maintenance Activities

NPDES TEAM ORGANIZATIONAL CHART



* Rotation (6-12 months)

**Figure 2-1
NPDES Organizational Chart**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department facilities and water bodies within each District and Regional Board jurisdiction. A list of the Department facilities, excluding roadways, is presented in Table 3-1.

TABLE 3-1: DISTRICT 11 FACILITIES

RTE	CO	PM	NAME	DESCRIPTION
Maintenance Stations				
86	IMP	8.5	El Centro	Highway Maintenance
78	IMP	14.3	Brawley	Highway Maintenance
98	IMP	56.6	Midway	Highway Maintenance
8	IMP	66.5	Boulevard	Highway Maintenance
Commercial Vehicle Enforcement Facilities				
7	IMP	0.1	Calexico	NB
8	IMP	R89.5	Winterhaven	Westbound (WB)
Vista Points				
8	IMP	1	Mountain Springs	Vista Point
Safety Roadside Rest Areas				
111	IMP	29.4	Two Rivers	2.5 mi. S of Calipatria
8	IMP	R31.2	Sunbeam	6 mi. W of El Centro; EB & WB
8	IMP	80.2	Sand Hills	20 mi. W of Arizona State Line

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on The Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high risk areas within District 11 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from the Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
No high risk areas were identified for District 11 within the jurisdiction of the Colorado River Basin Regional Water Quality Control Board				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	17520	IMP	98	31.9 - 39.7	WIDEN TO 4-LANE CONVENTIONAL HWY		SWPPP			6/19/06	9/21/08	3/25/10	5/15/12
2	B	8020	IMP	98	30.8 - 32.3	WIDEN HIGHWAY		SWPPP		6/30/00	12/3/03	10/18/04	4/22/05	1/2/07
3	B	7900	IMP	8	36.5R - 37.4R	RECONSTRUCT INTERCHANGE		SWPPP		7/31/00	4/18/03	8/16/04	3/21/05	9/22/06
4	B	16782	IMP	78	07.2L- 15.7L	CONST 4-LANE EXPRESSWAY		SWPPP			8/14/02	12/27/03	9/11/04	9/16/07
5	C	6800	IMP	7	1.2 - 6.7	CONSTRUCT 4 LANE HIGHWAY		SWPPP			1/3/01	11/24/02	8/30/03	8/29/05
6	C	19936	IMP	111	17.6R - 22.1R	CONST 4-LANE EXPRESSWAY		SWPPP				12/3/01	11/4/02	1/12/05
8	D	23720	IMP	8	10.1R - 41.0R	PAVEMENT REHABILITATION		SWPPP	28.3			2/7/01	10/18/01	12/27/03
9	D	19934	IMP	111	12.9R - 17.8R	CONSTRUCT 4-LANE EXPRESSWAY		SWPPP	140		5/1/00	10/30/00	5/16/01	7/31/05

SWPPP greater than 5 acres of land disturbance (1 acre after March 2003)
 303d 303 (d) listed
 401 401 Cert,
 SEP Supplemental Environmental Project
 Retro Storm Water Retrofit Project (SWMP 4.4.2)
 LT Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
 HR High Risk Area Present
 RB RWQCB designated projects posing a threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
While Maintenance Activities occur throughout the year, it was not possible to anticipate with detail, what takes place. They are safety and time-driven and thus can occur unexpectedly.							
Maintenance Facility and Activity Inspections							
All Maintenance Facilities within District 11 are scheduled for annual inspections by the District Storm Water Coordinator.							
Vegetation Management and Vegetated Slope Management							
The District 11 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP Goal is to minimize the discharge of chemicals to receiving waters by reducing the chemical use for vegetation control. The VCP includes the following major items: <ul style="list-style-type: none"> ▪ Types of chemical to be applied and form (dry or liquid) ▪ Application locations, lengths, widths, total area, rates, frequency, total amount ▪ Reason for application ▪ Mowing program Districts will provide the VCP for FY03/04 to the RWQCB by May 15, 2003.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over a course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date. The District Maintenance Storm Water Coordinator and/ or staff will inspect 20% of the slopes, by June 2003. The entire district to be completed by the fifth year.							

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct or likely discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP Greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d 303 (d) listed
- 401 401 Cert,
- SEP Supplemental Environmental Project
- Retro Storm Water Retrofit Project (SWMP 4.4.2)
- LT Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR High Risk Area Present
- RB RWQCB designated projects posing a threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
No monitoring activities will be conducted within the Colorado River Basin Regional Water Quality Control Board.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Training is done as outlined in the SWMP.
Municipal Coordination
No MS4s within permitted area. Coordination with Imperial Irrigation District (IID) done on a project by project basis.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

8

CALTRANS DISTRICT

8

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 8

SANTA ANA REGION 8

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 8

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**SANTA ANA REGION 8
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 8**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Santa Ana Region**

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)]



Anne Mayer, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 8 water bodies, Best Management Practices (BMPs) and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Portions of the Department District 8 fall within the jurisdiction of the Santa Ana Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the Santa Ana Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

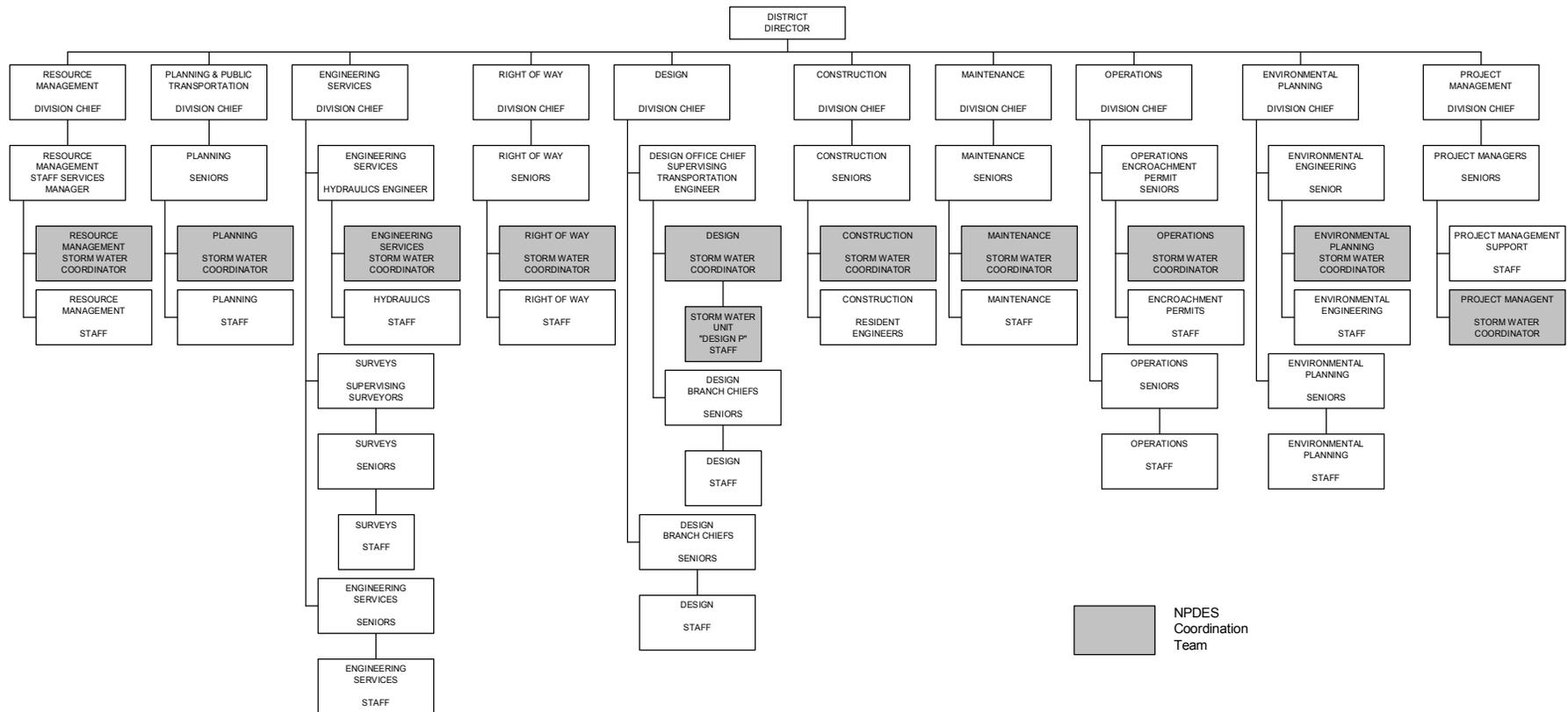
TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Mark Leichtfuss	Engineering Services Storm Water Coordinator	(909) 383-4999	Mark_Leichtfuss@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
John Marcinek	Project Management Storm Water Coordinator	(909) 383-6722	John_Marcinek@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Melvin Mendez	Operations Storm Water Coordinator	(909)383-7975	Melvin_Mendez@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Tim Watkins	Resource Management Storm Water Coordinator	(909)383-6819	Tim_Watkins@dot.ca.gov	Primary contact for Resource Management-related storm water issues.

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	All District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC,NOC
Maintenance Senior	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports



**Figure 2-1
Organizational Structure of District 8 Storm Water Program**

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the Santa Ana Regional Water Quality Control Board, and major roads and highways are presented on Figure 3-1.

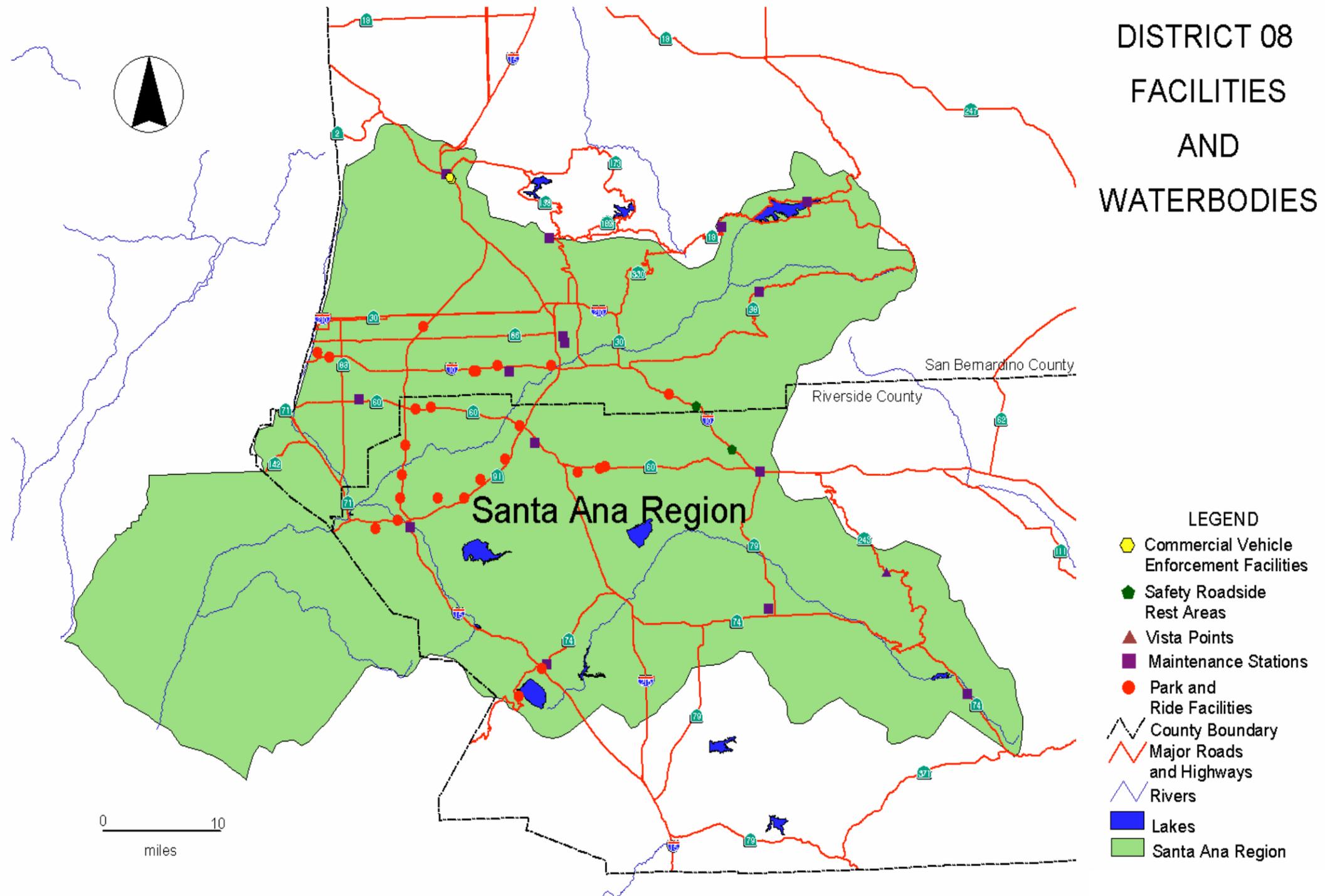
TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
RIV	74	65.7	Keen Camp Lake Hemet, Box 6 Mountain Center, CA	Maintenance
RIV	74	17.8	Elsinore 18745 Conrad Ave. Elsinore, CA	Maintenance
RIV	79	27.4	Hemet 1273 Juanita St. San Jacinto, CA	Maintenance
RIV	91	6.1	Corona 842 El Sobrante Rd. Corona, CA	Land. & Maint..
RIV	91	21.3	Riverside 1091 Everton Place Riverside, CA	Land. & Maint..
SBd	138	15.3	Cajon 14757 State Hwy. 138 W. Cajon Valley, CA	Maintenance
SBd	38	20.2	Camp Angelus Hwy 38 Angelus Oaks, CA	Maintenance
SBd	38	51.9	Fawnskin Yard Rte 38 @ Stanfield Fawnskin	Maintenance
SBd	18	39.0	Lakeview	Maintenance
SBd	215	6.9	District 8 Office 464 W. 4 th St. SBd., CA	Non-Maintenance
SBd	60	5.8	Ontario 1165 Philadelphia Ontario, CA	Land. & Maint..
SBd	10	20.0	Magana Ortega 451 W. Stover Ave. Bloomington, CA	Land. & Maint..

TABLE 3-1: DISTRICT 8 FACILITIES (Continued)

CO	Route	PM	Name	Comments
Vista Points				
RIV	243	13.8	Indian Hill Road	
SBd	38	10.7	Mill Creek	
SBd	38	14.2	Eyes of the World	
Commercial Vehicle Enforcement Facilities				
SBd	15	R20.62	Cajon	NB
SBd	15	R20.86	Cajon	SB
Roadside Rest Areas				
SBd	10	14.3	Fontana	Closed- Storage Site
Park and Ride Facilities				
SBd	15	6.8	Baseline	
SBd	10	18.5	Cedar	
SBd	10	0.7	Montclair	
SBd	71	0.854	Chino	
SBd	10	35.4	Yucaipa	
RIV	60	3.0	County Village	
RIV	60	1.8	Van Buren	
RIV	60	11.8	Orange	
RIV	15	48.1	Limonite	
RIV	15	43.6	Four Wheel Dr Norco	
RIV	91	6.3	Corona	
RIV	15	22.2	Lake Elsinore	
RIV	15	45.6	Norco	
RIV	60	14.3	Moreno Valley	
Sand and Salt Staging Areas				
RIV	74	65.7	Keen Camp	
SBd	138	15.3	Cajon	
SBd	38	20.2	Camp Angelus	
SBd	38	51.9	Fawnskin Yard	
Snow Storage Sites				
N/A				
Toll Road and Bridge Plazas				
N/A				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>



**Figure 3-1
District 8 Facilities and Waterbodies**

4.0 HIGH RISK AREAS

A list of high risk areas within District 8 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
74	RIV	Lake Elsinore	PM 19.36	Domestic Reservoir
18	SBd	Big Bear Lake	PM 44.39-45.00	Domestic Reservoir
18	SBd	Big Bear Lake	PM 46.1-46.23	Domestic Reservoir
38	SBd	Big Bear Lake	PM 52.35-52.84	Domestic Reservoir
38	SBd	Big Bear Lake	PM 54.80-54.92	Domestic Reservoir
38	SBd	Big Bear Lake	PM 55.08-55.23	Domestic Reservoir
38	SBd	Big Bear Lake	PM 55.98-56.44	Domestic Reservoir
38	SBd	Big Bear Lake	PM 56.71-59.39	Domestic Reservoir
30	SBd	Santa Ana River	PM 31.15	Water Percolation
215	SBd	Santa Ana River	PM 4.21	Water Percolation
10	SBd	Santa Ana River	PM 23.82	Water Percolation
60	RIV	Santa Ana River	PM 10.5	Water Percolation
15	RIV	Santa Ana River	PM 46.15	Water Percolation
74	RIV	Lake Hemet	PM 62.99	Domestic Reservoir
74	RIV	Lake Hemet	PM 63.448	Domestic Reservoir
74	RIV	Lake Hemet	PM 63.546	Domestic Reservoir
74	RIV	Lake Hemet	PM 63.76	Domestic Reservoir

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Tables 5-1 and 5-2.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&E)	Final Design (PS&E)	Start Date	Completion Date
1	A	45930	RIV	079	31.2	paint steel castings	San Jacinto River	401		6/00	12/01	4/02	10/02	1/03
2	A	0A440	RIV	015	16.546 - 20.661	reconstruct ic, aux lns, widen ramp	Lake Elsinore San Jacinto River	SWPPP, 303(d), 401	14.8	11/01	7/02	4/04	11/04	11/06
3	A	46800	SBD	010	12.5-13.8	reconstruct interchange and widen cherry ave from slover ave to valley blvd		SWPPP	32 acres	6/01	7/03	5/06	3/07	12/08
4	A	22700	SBD	018	44.2-44.7	replace bridge	Bear Creek	303(d), 401	1.263	10/84	1/03	10/03	8/04	1/06
5	A	0A750	RIV	015	36.17-36.38	install metal beam guardrail		SWPPP	NO		10/03	3/04	8/04	
6	A	1A450	SBD	015	4.2	const new interchange	Day Creek Channel	SWPPP, 401	56.4	12/01				

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Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbanc e Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&E)	Final Design (PS&E)	Start Date	Completion Date
7	B	46272 (3348U)					SANTA ANA	SWPPP			11/01	04/01	01/03	10/03
8	B	46272 (3348U - Conven tional)	RIV	215	42.3- 43.3	construct auxiliary lanes and additional mainline improvements on routes 91 and 215	Santa Ana	SWPPP	13.0		11/01	4/02	1/03	10/04
9	B	46272 (3348U)					Santa Ana	SWPPP	13.0		11/01	03/02	10/02	04/04
10	B	33480	RIV	215	40.3- 43.3	remove el cerrito dr ic, reconfigure var ic, reconst mainline to provide std lns & shdrs & add 2 hov lns & tr clmbg ln (sb) fr el cerrito to university ave (pr to be done under ea 466900.)	Evans Lake (Fairmou nt Park)	SWPPP	13.0 ha	6/97	12/01	01/03	10/03	10/06
11	B	46681	RIV	215	38.7- 40.3	6-ln freeway to 8 lanes for hov lane both sides and a truck climbing lane (sb) (segmented from ea 466800)	Biladeau Reservoi r	SWPPP	7.0 ha	6/97	12/01	01/03	10/03	10/06
12	B	44651	RIV	071	0-2.7	widen to 4 ln expressway, incl 2 additional animal crossings	Santa Ana River	SWPPP, 303(d), 401	6	10/97	6/00	1/02	10/02	7/04
13	B	32300	RIV	060	17.8- 19.5	modify ic (ramps only)		SWPPP	Pending	5/90	6/01	3/02	12/02	3/03

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbanc e Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
14	B	47440	SBD	010	30.8-33.4	widen from 6 to 8 lanes in median (will include 45370k (shopp project) for construction purposes.)	San Jacinto River	SWPPP	5 hec	8/99	1/03	5/05	2/06	8/07
15	B	46360	RIV	060	12.2-20.4	add 2 hov lanes in median & reconfigure perris ic (also includes soundwalls and fiber optics)		SWPPP		10/93	9/01	9/02	4/03	2/05
16	B	43700	SBD	138	16.8-18.7	construct 40' paved section on new alignment	Crowder Creek	SWPPP, 401	78.0	8/96	9/02	6/03	4/04	10/05
17	B	44655	RIV	071	2.4-3	construct eb 91 to nb 71 connector	Santa Ana River	SWPPP		2/01	7/02	8/04	4/05	2/08
18	B	45661	RIV	091	0.9-2.2	replace ic & construct auxiliary lane (eb rte 91)		SWPPP	22	12/97	4/03	11/03	7/04	11/05
19	B	46970	SBD	138	0-14	construct truck climbing lanes, widen shoulders, realign rdwy, modify intersections & rehab rdwy (project to include ea 46980g, 47450g & 47460g.)	Cajon Wash	SWPPP	70	8/99	6/01	9/02	9/03	12/06
20	B	35842	SBD	038	9.1-10.1	widen bridge, upgrade bridge rail, seismic retrofit (includes 08- 35830k)	Mill Creek Canyon	SWPPP, 303(d)	about 5 acres		7/03	2/04	9/04	12/06
21	C1a	44407	SBD	210	20.6-22.9	por seg 11- construct mainline & rt 215 ic impr	Santa Ana River	SWPPP, 401	50 acres	08/91	09/96	08/03	03/04	03/06
22	C1a	44408	SBD	210	20.6-22.9	por seg 11- constr 2 high speed conn for 210/215 ic	Santa Ana River	SWPPP, 401	10 acres	08/91	09/96	08/03	03/04	03/06

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Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
23	C1a	46412	RIV	074	27.7-32.5	realignment and widening	Wason Creek	SWPPP, 401	35	1/00	6/01	3/02	4/02	1/04
24	C1a	44401	SBD	210	20.6-22.9	construct 6-lane freeway (mf) & 2 hov lanes (segment 11) need to segment ea for phase 2 work.	Santa Ana River Santa Ana River	SWPPP, 401	60 acres	08/91	09/96	08/03	07/03	03/06
25	C1a	44403	SBD	210	20.6-22.9	por seg 11-earthwork, drainage, mse & soundwalls, othr misc	Santa Ana River	SWPPP, 401	40 acres	08/91	09/96	08/03	07/03	10/04
26	C1a	00719	SBD	215	9-10.1	add 2 hov lanes and operational improvements	none	SWPPP		9/89	1/01	3/05	1/06	3/08
27	C1a	44371	SBD	210	14.9-16.9	construct 6-lane freeway & 2 hov lns; casmalia ave frontage rd and locust and linden avenues oc(segment 8)	Cactus basins	SWPPP	240		9/96	3/02	10/02	4/04
28	C1a	44381	SBD	210	16.9-18.3	construct 6-lane freeway & 2 hov lns (segment 9)	Catus basin	SWPPP, SEP	30		9/96	3/04	10/04	10/05
29	C1a	44391	SBD	210	18.6-20.6	construct 6 ln freeway & 2 hov lns (segment 10)	Lytle creek	SWPPP, 303(d), 401	90		9/96	3/04	10/04	10/05
30	C1a	44402	SBD	210	20.6-22.9	portions seg 11 - bridges, drainage & misc improvements	Santa ana river	SWPPP, 401	10 acres	08/91	09/96	08/02	11/02	¾
31	C1a	44404	SBD	210	22.9	por seg 11- bridge widening & improve 2 conn for 30/215 ic	Santa ana river	SWPPP, 401	10 acres	08/27/91	09/96	08/02	11/02	09/04
32	C1a	44406	SBD	210	20.6-22.9	por seg 11- local st impr, storm drain & other misc impr	Santa ana river	SWPPP, 401	20 acres	08/91	09/96	08/02	11/02	03/04

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
33	C1a	44392	SBD	210	18.6-20.6	por seg 10-local st impr, bridges, other misc impr	Lytle creek	SWPPP, 303(d), 401	44		9/96	5/02	12/02	12/03
34	C1a	44395	SBD	210	18.6-20.6	por seg 10-construct soundwalls	Lytle creek	SWPPP, 303(d), 401	44		9/96	5/02	12/02	9/03
35	C1a	00715	SBD	215	6.6-7.6	add 2 hov lanes and operational improvements (ps&e only) see ea 00714 for r/w		SWPPP			1/01	4/03	12/05	12/07
36	C1a	00718	SBD	215	9-9.5	ADD 2 HOV LANES & OPERATIONAL IMPROVEMENTS	none	SWPPP		9/89	1/01	6/05	2/06	3/08
37	C1a	44393	SBD	210	18.6-20.6	por seg 10- construct lytle creek crossing & drainage impr	Lytle Creek	SWPPP, 303(d), 401	18		9/96	9/02	4/03	9/04
38	C1a	48390	SBD	138	4.6-6	realign beekley rd is & install signal	none	SWPPP		3/99	7/00	11/00	5/01	12/01
39	C1a	35450	SBD	010	10.1-12.1	reconstruct i-10/etiwanada ave ic fr existing 4-quadrant full-cloverleaf ic to partial cloverleaf ic & realign valley blvd ramps	Etiwanda Creek San Sevaine Flood Control Channel	SWPPP	20.4	1/00	1/00	9/01	5/02	5/03
40	C1a	35841	SBD	038	5-14.9	pavement rehab & widen shoulders (includes 08-35830k) (ce for replace pavement portion only)	Mill Creek Canyon	SWPPP, 303(d)	> 2 acres	7/92	11/00	9/02	5/03	¼

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Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbanc e Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
41	C1a	34011	SBD	138	0-15.2	widen from 2 lanes to 4 lanes with median ltl (includes 34000k)	Sheep Creek, Cajon Canyon Creek	SWPPP		7/97	11/02	7/05	6/06	8/09
42	C1a	3564U	RIV	071	2.6-3	bridge widening & ramps modification (phase 2) (44653k incl. in 98 stip augmentation and comb. w/this project for construction purposes)	Santa Ana River	SWPPP, 401, SEP	5.2	8/96	7/99	12/99	7/00	9/01
43	C1a	00716	SBD	215	7.7-9	add 2 hov lanes and operational improvements	Warm Creek, Lytle Creek	SWPPP			1/01	9/03	8/04	3/07
44	C1a	00717	SBD	215	4.1-6.7	add 2 hov lanes and operational improvements	none	SWPPP			1/01	9/03	8/04	3/07
45	C1b	37130	SBD	010	24.2-24.3	seismic retrofit (sr 634)	Santa Ana River	SWPPP, 401	3	9/97	11/97	4/01	1/02	1/05
46	C1b	47760	RIV	VAR		upgrade existing guardrail end treatments	various	303(d), HR	3.21	9/99	9/99	1/02	1/03	8/03
47	C1b	44383	SBD	210	17.1-18.3	construct ayala av ic and lilac av ped oc	none	SWPPP	6			3/02	10/02	3/04
48	C1b	43320	SBD	010	35.5-39.2	reconstruct interchange and widen bridge (oak glen rd)	Wilson Creek	SWPPP	10	9/98	9/98	7/03	11/03	7/06
49	C1b	49680	SBD	066	22.4	retrofit wheelchair ramps	Santa Ana	SWPPP	.2	11/99	2/01	6/01	12/01	2/02

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Regional Work Plan

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbanc e Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&E)	Final Design (PS&E)	Start Date	Completion Date
50	C1b	44384	SBD	210	14.9-17.8	construct east highland channel	cactus basin	SWPPP, 401	30			8/03	3/04	3/05
51	C1b	44382	SBD	210		construct new frontage roads	none	SWPPP	10			10/01	5/02	10/02
52	C1b	4353U	RIV	091	11.2-17.4	construct aux lanes & fiber optic communications system		SWPPP		1/00	4/00	10/00	6/01	7/07
53	C2	44970	SBD	083	0.9-1	replace bridge (bridge scour project)	Santa Ana River	SWPPP, 303(d), 401	.4	10/98	7/03	9/03	4/04	4/05
54	C2	47220	SBD	015	1-12.8	slab replacement		SWPPP	20	11/99	2/04	2/06	9/06	3/08
55	D2	44325	SBD	210	3.9-6.4	construct soundwalls (segment 3) (thru pa&ed to be done on 206210)	Cucamonga Creek	SWPPP, 401	48.3	9/96	9/96	7/00	12/00	3/02
56	D2	44329	SBD	210	6.4-6.5	construct overcrossing (segment 3) (thru pa&ed to be done on 206210)	None	SWPPP	Pending		9/96	4/00	5/01	5/01
57		4432T	SBD	210	3.9-6.4	install 3 cctv, 2 vds & 4 rms	Cucamonga/Alta Loma Creeks	SWPPP, 401	Under 44321	12/15/1999		4/01	7/01	11/02
58		44321	SBD	210	3.9-6.4	construct 6-lane freeway & 2 hov lns (segment 3) (thru pa&ed to be done on 206210) (stip amend 98s-32 appv 7/15/99 moved fy)	Cucamonga/Alta Loma Creeks	SWPPP, 401	62.5		9/96	4/01	9/01	11/02
59		44324	SBD	210	5.1-5.7	construct overcrossings (segment 3) (thru pa&ed to be done on 206210)	None	SWPPP	Under 44321		9/96	1/01	9/01	11/02
60	A	44326	SBD	210	3.9	construct rcb (segment 3) (thru pa&ed to be done on 206210)	Cucamonga Creek	SWPPP, 401	Under 44325		9/96	1/01	9/01	11/02

SECTION FIVE

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Anticipated Project Development Schedule			Construction Period		
									Land Disturbance Acreage	Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
61		44327	SBD	210	6.2	construct rcb (segment 3) (thru pa&ed to be done on 206210)	Alta Loma	SWPPP	Under 44321		9/96	4/01	9/01	11/02
62		47870	SBD	010	31.5	rock slope protection		SWPPP	.3	1/00	4/00	6/01	12/01	3/02
63		43310	SBD	210	31.3-31.8	construct drainage channel imp	Santa Ana	SWPPP, 303(d), 401	6.9 ACRE	10/97	12/01	11/01	6/02	11/02
64		44850	SBD	015	21.3-28.6	add nb lane in median & convert rt lane to truck climbing lane (stip amendment 98s-48 appr 9/30/99 to slip to 01/02 fy)		SWPPP, 401	23 ACRE	2/98	5/01	12/01	9/02	11/03
65		22700	SBD	018	44.2-44.7	replace bridge	Bear Creek	303(d), 401	1.263	10/1984	1/2003	10/2003	8/2004	1/2006

Criteria

- SWPPP Greater than 5 acres of land disturbance
- 303d 303 (d) listed water body within project limits and affected by project
- 401 401 Certification/Waiver required
- SEP Supplemental Environmental Project
- Retro Storm Water Retrofit Project (SWMP 4.4.2)
- LT Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR Project limits within High Risk Area
- RB RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SBd	83	0.0-1.8	Crack sealing pavement in Nov.	Chino Creek	303(d)	Nov.	Unknown
SBd	SR-66	10.0-23.1	Clean Drains and remove storm drain deposits, Crack Seal and asphalt repairs	Lytle Creek	303(d)	Unknown	Unknown
SBd	SR-30	16.0-30.0	Clean Drains and remove storm drain deposits, Crack Seal and asphalt repairs	Lytle Creek	303(d)	Unknown	Unknown
SBd	SR-30	16.0-30.0	Clean Drains and Remove Storm Deposits, Crack Seal, Repair Asphalt as needed	City Creek, Santa Ana R.	303(d)	Unknown	Unknown
SBd	SR-38	51.9-59.4	Drain Cleaning	Big Bear Lake, Grout Creek	303(d)	Unknown	Unknown
SBd	SR-38	55.2-59.4	Berm Repair	Big Bear Lake, Grout Creek	303(d)	Unknown	Unknown
SBd	SR-38	39.4-59.4	Snow Removal	Big Bear Lake, Grout Creek	303(d)	Unknown	Unknown
SBd	SR-18	44.3-51.6	Drain Cleaning, and Berm Repair	Big Bear Lake, Rathbone Creek,	303(d)	Unknown	Unknown
SBd	SR-66	10.0-23.1	Clean Drains and Remove Storm Deposits, Crack Seal, Repair Asphalt as needed remove Storm Deposits	Lytle Creek	303(d)	Unknown	Unknown
SBd	SR-215	5.0-17.0	Clean Drains and Remove Storm Deposits, Crack Seal, Repair Asphalt as needed remove Storm Deposits	Lytle Creek, Cajon Wash	303(d)	Unknown	Unknown
Maintenance Facility and Activity Inspections							
For the year 2003-04 Beechers Corners, Burnt Mill, Essex, Hemet, Blythe, Keen Camp Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
Additional Storage buildings have been purchased for Maint. Facilities, Stock-pile have has run-off BMP's put in place, new technology is being explored							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

Maintenance BMP Actions/Modifications						
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.						
Improve BMPs at Vactor sites and stock pile locations						
Improve BMP's at Material Storage areas.						
Vegetation Management and Vegetated Slope Management						
The District 8 Vegetation Control Plan (VCP) for FY 2003/04 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:						
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 						
Vegetated Slope Evaluation						
	County	Route	PM	Inspection Schedule	Remediation Action Planned	
	SBd	10		2002		
	SBd	60		2002		
	RIV	60		2002		
	RIV	91		2002		

(1) Major roadway maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02. Additional Monitoring will take place within the San Jacinto River Watershed as required under Santa Ana Regional Water Quality Control Board Order No. 01-34. Specific monitoring sites have not yet been identified, but monitoring along SR 74 between Lake Elsinore and Perris is expected in conjunction with projects there.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits “rate” the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Project Planners and Designers on the following topics: Procedures of the Project Planning and Design Guide (PPDG), Permanent Erosion Control, Temporary Erosion Control, Storm Water Data Report Preparation, and the design of Treatment BMPs.
2. Training is an ongoing process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affairs Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Roadeo, open houses, Route 66 Rendezvous, etc.
3. Training is an ongoing process for the Construction Division. All construction field office personnel have been through a 6 hr class, “Storm Water Control on Construction Projects” /#G0C017. All construction field office Seniors and Resident Engineers are also to attend a “Storm Water Control on Construction Projects Management” this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.
District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on Non-point source storm water pollution using the District’s Enviroscope watershed model. Hand-outs describing the Department’ Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscope watershed model as part of the District’s “Bring your Child to Work Day”. The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
District Storm Water Unit staff will participate in monthly coordination meetings of the Riverside County/Santa Ana Region MS4 Co-Permitees
District Storm Water Unit staff will participate in monthly coordination meetings of the San Bernardino/Santa Ana Region MS4 Co-Permitees
District Storm Water staff will also participate in TMDL workgroups for Big Bear Lake, Canyon Lake/Lake Elsinore, and the Chino Basin.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **8**

CALTRANS DISTRICT
12

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 12

SANTA ANA, REGION 8

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 12

STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004

FOR

SANTA ANA REGION 8
WATER QUALITY CONTROL BOARD

CTSW-RT-03-020



CALIFORNIA DEPARTMENT OF TRANSPORTATION

**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 12**

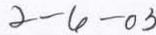
**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
Santa Ana, Region 8**

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)]



Cindy Quon, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 12 water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DISTRICT 12 PERSONNEL AND RESPONSIBILITIES

Portions of District 12 fall within the jurisdiction of the Santa Ana Regional Water Quality Control Board, Region 8 (coverage area). Organization charts for District 12 are included in Figure 2-1. Staff responsible for implementing the SWMP within the Santa Ana RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DISTRICT 12 STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Grace Piña-Garrett	District 12, NPDES Storm Water Coordinator, Branch Chief, NPDES Storm Water Unit	(949) 724-2189	Grace_pina-garrett@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the District.
Hector Salas	Environmental Specialist (NPDES Unit)	(949) 724-2625	Hector_Salas@dot.ca.gov	Under the Direction of the District Storm Water Coordinator, the Environmental Specialist ensures permit compliance from all functional units. Contacts and submits all information to RWQCB (NOC, NCC, Non-compliance)
Lee Haber	Construction Storm Water Coordinator	(949) 724- 2180	Lee_Haber@dot.ca.gov	Review and Approve SWPPP/ WPCP Documents. Liaison between field Construction and NPDES Unit
Carol Lonebear	Maintenance Storm Water Coordinator	(949) 440-4466	Carol_Lonebear@dot.ca.gov	Liaison between Maintenance field crews and Storm Water Unit. Inspects Maintenance facilities and provides training to Maintenance field personnel.
Tommy Hsu	Environmental Planning Storm Water Coordinator	(949) 724-2122	Tommy_Hsu@dot.ca.gov	Environmental Liaison to the NPDES Unit. Reviews projects in the planning and environmental document and prepares Technical Water Quality Documents for Caltrans projects.
Daniel Hing	Right of Way Representative	(949) 724-2145	Daniel_Hing@dot.ca.gov	Conducts Airspace Lease Inspections for Water Quality

SECTION TWO

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s)

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
Design Branch Chiefs	Notification of Construction (NOC)
Resident Engineers	Notice of Completion of Construction (NCC), SWPPP Approval
District Storm Water Coordinator	Transmittals to RWQCB <ul style="list-style-type: none">• Discharge or Threat of Discharge Notification• Notice of Non-Compliance Notifications
Maintenance SWC	Facility Pollution Prevention Plan (FPPP)

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department facilities and water bodies within District 12 and the Santa Ana Regional Board jurisdiction. A list of facilities, excluding roadways, is presented in Table 3-1. A map showing the District 12 boundaries within the Santa Ana RWQCB and major roads and highways is presented on Figure 3-1.

TABLE 3-1: DISTRICT 12 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Orange	5	23.9	Sand Canyon	6641 Marine Way Irvine, CA
Orange	5		Toll Roads	6685 Marine Way Irvine, CA
Orange	22	13.0	Orange	691 S. Tustin Street Orange, CA
Orange	22	R.0.7	Bolsa Chica	13072 Old Bolsa Chica Road Westminster, CA
Orange	39	10.7	Stanton	8122 Katella Avenue Stanton, CA
Orange	55	26.5	Costa Mesa	1090 S. Bristol Street Costa Mesa, CA
Orange	57	13.5	Batavia	1808 N. Batavia Street Orange, CA
Orange	57	21.4	Brea	13571 Central Avenue Brea, CA
Commercial Vehicle Enforcement Facilities				
Orange	91	13.8	Peralta	Westbound
Orange	91	13.6R	Peralta	Eastbound
Park and Ride Facilities				
Orange	5	25.0	Jeffery	I-5 at Jeffery Road, Irvine
Orange	55	16.7	Lincoln	SW Corner of SR-55 & Lincoln in
Toll Road and Bridge Plazas				
Orange	73	18.7	Catalina	Toll Plaza
Orange	91	16.4	Gypsum Canyon	Toll Plaza
Orange	133	13.2	Orange Grove	Toll Plaza
Orange	241	36.0	Windy Ridge	Toll Plaza
Orange	241	25.9	Tomato Springs	Toll Plaza
Orange	261	2.7	Portola Parkway	Toll Plaza

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

District 12
State of California
Department of Transportation
Orange County



LEGEND

- Highway
- High Risk Area
- Rivers & Creeks
- Flood Control Channels
- Orange County Line
- Lakes & Large Water Bodies
- Santa Ana Region
- Interstate
- State



Water Bodies in the Santa Ana Region

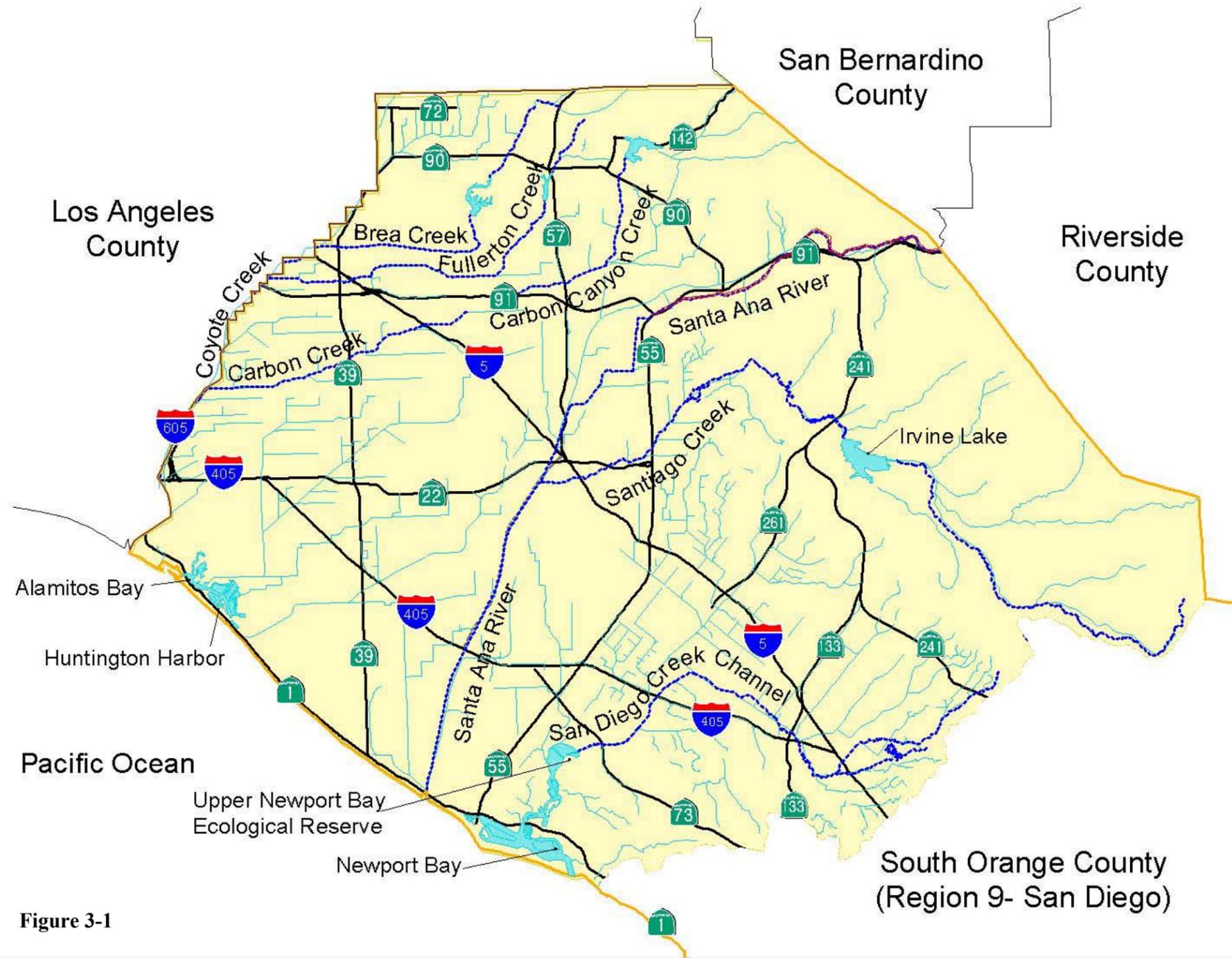


Figure 3-1

4.0 HIGH RISK AREAS

A list of high risk areas within District 12 are presented in Table 4-1. High risk areas are defined in Section E.2 of the Permit to include areas such as locations where spills from the Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities District 12 first contacted known public and private water supply providers. From the information received, District 12 determined which facilities were susceptible to a direct spill from the Department activity or facility. This determination was based on proximity between the water body and the Department facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR-91 PM 8.57/ 18.91	Orange	Santa Ana River Recharge Basins/ Orange County Water District	<p>The Orange County Water District is responsible for managing the underground water reserves that supply about 500 wells within district boundaries. At the present time about 270,000 acre-feet of this water is pumped for use each year. Groundwater reserves are maintained by a recharge system, which replaces water that is pumped from wells. OCWD's facilities have a recharge capacity of approximately 300,000 acre-feet per year. About two million people depend on this source for more than three-quarters of their water.</p> <p>Along a six-mile section of the Santa Ana River that belongs to OCWD, a system of diversion structures and recharge basins captures most of the water that would otherwise flow into the Pacific Ocean. The district has 1500 acres of land for use in its recharge program.</p> <p>SR-91 Runs parallel to The Santa Ana River, upstream from the OCWD Recharge Basins and discharges directly into the Santa Ana River.</p>	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	0164M	ORA	090	00.5	Widen To 6 Lanes	Coyote Creek	SWPPP		12/91	12/97		3/02	11/03
2	C	0164N	ORA	090	02.5	Widen To 6 Lanes	Coyote Creek	SWPPP		12/91	12/97		3/02	11/03
3	C	0164P	ORA	090	05.5	Widen To 6 Lanes	Loftus Channel	SWPPP		12/91	12/97		5/02	12/04
4	C	07920	ORA	605	00.0	Add HOV Lns	Los Alamitos Channel	SWPPP		10/97	7/99		6/02	12/03
5	C	07530	ORA	091	13.5	Hwy Planting Restoration	Santa Ana River	SWPPP/HR		10/97	1/01		8/02	8/06
6	C	07540	ORA	091	06.4	Hwy Planting Restoration	Santa Ana River	SWPPP		10/97	7/01		8/02	8/06
7	C	07600	ORA	091	08.5	Hwy Planting Restoration	Santa Ana River	SWPPP/HR		10/97	4/01		8/02	8/06
8	C	0164Q	ORA	090	05.6	Intersection Improvement	Loftus Channel	SWPPP		12/91	12/94		8/02	3/04
9	C	08410	ORA	405	09.8	Hwy Planting Restoration	Delhi Channel	SWPPP		10/97	3/01		8/02	8/04
10	C	09670	ORA	405	03.7	Interchange Improvements	Bolsa Chica Channel	SWPPP		2/00	3/00		11/02	7/03
11	C	0C400	ORA	405	02.6	Interchange Improvement	San Diego Creek	SWPPP/303(d)		4/01	8/01		3/03	8/03
12	C	09820	ORA	405	22.3	Widen Oc And Modyfy Ramps	San Diego Creek	SWPPP/303(d)		2/01	2/01		3/03	8/04
13	C	08620	ORA	405	05.8	Operational Improvements	San Diego Creek	SWPPP/303(d)		10/98	4/00		3/03	12/04
14	C	00310	ORA	405	17.0	Widen Oc	Bolsa Chica Channel	SWPPP		1/96	2/96		4/03	8/04
15	C	0C110	ORA	057	19.9	Reconfigure Ramp At Sr-57 & Lambert	Tonner Creek	SWPPP		2/01	1/02		4/03	4/04
16	C	0E800	ORA	405	02.1	Auxiliary Lane	San Diego Creek	SWPPP/303(d)		12/00	2/01		6/03	12/03
17	C	08950	ORA	005	29.0	Widen Nb Offramp	El Modena - Irvine Channel	SWPPP		12/98	11/00		6/03	6/04
18	C	0E040	ORA	091	13.8	Dowel Retrofit Truck Lanes Both Directions	Santa Ana River	HR		9/01	9/01		7/03	12/03
19	C	0E360	ORA	405	00.2	Dowel Bars Retrofit #3 And #4 Ins	San Diego Creek	303(d)		1/00	7/00		7/03	12/03
20	C	08390	ORA	405	21.6	Hwy Planting & Restoration	Bolsa Chica Channel	SWPPP		10/97	9/01		8/1/03	12/04
21	C	07930	ORA	405	20.6	Const Mtce Station	Bolsa Chica Channel	SWPPP		10/97	3/01		8/03	2/05
22	C	0E390	ORA	039	15.8	Bridge Replacement And Upgrade Co	Coyote Creek Channel	SWPPP		9/01	9/01		8/03	12/04
23	C	08200	ORA	022	11.0	Modify Ramps	Santa Ana River	SWPPP		4/01	6/01		8/03	8/04

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
24	C	0932U	ORA	405	02.1	Add Auxiliary Lane	San Diego Creek	SWPPP/303(d)		9/99	2/01		8/03	8/04
25	C	00542	ORA	405	06.8	Const Hov Drop Ramps	Delhi Channel	SWPPP		6/92	10/94		9/03	1/06
26	C	08790	ORA	022	07.8	Modify Interchange	Garden Grove Wintersburg Channel	SWPPP		10/99	2/01		12/03	1/06
27	C	0E320	ORA	057	21.1	Regrade Slope	Tonner Creek			12/01	6/02		1/04	3/05
28	C	00543	ORA	405	09.6	Const HOV Drop Ramp	Delhi Channel	SWPPP		6/92	10/94		4/04	7/06
29	C	0A740	ORA	405	6.4	Highway Planting	San Diego Creek	SWPPP/303(d)		9/99	6/00		6/04	12/04
30	C	0E060	ORA	405	16.9	Dowel Retrofit Truck Lanes Both Dir	Westminster Channel			1/01	12/00		7/04	11/05
31	C	09321	ORA	405	03.9	Add Auxiliary Lane	San Diego Creek	SWPPP/303(d)		9/99	10/1/01		7/04	7/05
32	C	09490	ORA	405	17.2	Connect Roadways Modify Structure	Westminster Channel	SWPPP		2/01	7/02		7/04	7/05
33	C	00550	ORA	055	07.5	Const Oc & Hov Access Ramps	Lane Channel	SWPPP		9/92	12/01		4/05	4/07
34	C	0C870	ORA	005	72.0	Hwy Planting Restoration	Coyote Creek	SWPPP		10/01	12/01		7/05	12/05
35	C	0E880	ORA	055	06.3	Highway Planting Restoration	Lane Channel	SWPPP		1/00	2/01		9/05	3/06
36	C	0E910	ORA	055	02.0	Highway Planting Restoration	Newport Bay	SWPPP/303(d)		10/00	3/01		9/05	3/06
37	C	0E870	ORA	057	16.6	Highway Restoration	Carbon Creek	SWPPP		10/00	3/01		9/05	3/06
38	C	0E900	ORA	057	15.4	Highway Planting Restoration	Santa Ana River	SWPPP		10/00	3/01		10/05	6/06
39	C	0A750	ORA	405	19.6	Planting Rehabilitation	Bolsa Chica Channel	SWPPP		9/99	6/00		7/06	7/07
40	C	0E890	ORA	091	00.0	Highway Planting Restoration	Coyote Creek	SWPPP		10/00	4/01		8/06	1/07
41	C	0E860	ORA	091	15.6	Install Roadside Rest Area	Santa Ana River	SWPPP/HR		9/00	12/00		9/06	5/07
42	B	01430	ORA	055	09.0	Reconstruct Nb Ramps	Santa Fe Channel	SWPPP		5/98			1/03	4/04
43	B	0C750	ORA	090	5.6	Road Intersection Widening	Loftus Channel	SWPPP		10/01	12/01		2/03	6/05
44	B	0C640	ORA	005	26.8	Provide A Two Exit Lanes	Peters Canyon Wash	SWPPP		11/01	5/02		3/03	8/03
45	B	0E250	ORA	055	07.0	Construct Sb Auxiliary Lane Between	Lane Channel	SWPPP		8/00	11/01		5/03	9/03

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
46	B	0E350	ORA	005	27.5	Widening Rte 5 Sb/Nb Jamboree Road	Peters Canyon Wash	SWPPP		8/00	2/02		6/03	6/04
47	B	0A730	ORA	005	22.2	Planting Rehabilitation	San Diego Creek	SWPPP/303(d)		7/99	5/02		8/03	9/07
48	B	0A970	ORA	073	24.8	Widen Jamboree Road Bridge Over	Upper Newport Bay	SWPPP/303(d)		7/02	9/02		9/03	4/04
49	B	06820	ORA	022	00.7	Widen Oc	Bolsa Chica Channel	SWPPP		8/01	12/01		9/03	12/04
50	B	03630	ORA	001	25.9	Drainage Improvements	Pacific Ocean	SWPPP		9/00	9/02		9/05	9/07
51	B	09030	ORA	001	27.0	Const Ocean Inlet Bridge	Pacific Ocean	SWPPP		9/01	3/02		9/03	9/05
52	B	0C740	ORA	057	20.8	Modify And Widening Nb On-Ramp	Tonner Creek	SWPPP		10/01	12/01		12/03	1/05
53	B	0E330	ORA	073	16.6	Widen Collector Ramp To Laguna Cyn	San Diego Creek	SWPPP		8/00	9/02		12/03	5/04
54	B	0A660	ORA	005	23.9	Remodel Existing Tca Transit Build-	San Diego Creek Channel	SWPPP		12/99	3/01		1/04	5/06
55	B	0C590	ORA	091	9.3	Operational Improvement At Lakeview	Santa Ana River	HR		12/01	12/02		3/04	2/05
56	B	08521	ORA	091	17.4	Eliminate W/B Lane Drop Extend Wb	Santa Ana River	SWPPP/HR		12/98	9/02		6/04	1/06
57	B	0C570	ORA	091	1	Convert Wb Auxiliary Lanes At Vario	Carbon Creek	SWPPP		12/01	11/02		6/04	6/05
58	B	07570	ORA	405	03.7	Hwy Planting And Restoration	San Diego Creek	SWPPP/303(d)		10/97	1/03		8/04	8/05
59	B	07560	ORA	055	05.3	Hwy Planting Restoration	Delhi Channel	SWPPP		11/97	5/03		8/04	8/08
60	B	0E080	ORA	405	17.1	To Construct A New Ramp @ Susan St	Westminster Channel	SWPPP		11/01	12/02		8/04	3/05
61	B	09840	ORA	055	01.5	Add Lanes Nb&Sb	Newport Bay	SWPPP/303(d)		9/00	11/02		8/04	8/05
62	B	07161	ORA	022	00.9	Construct HOV Lanes	Bolsa Chica Channel	SWPPP		8/89	2/02		8/04	8/07
63	B	08440	ORA	57	12.9	Highway Planting Restoration	Loftus Channel	SWPPP		10/97	3/03		9/04	6/05
64	B	05620	ORA	090	11.5	Const Grade Sep	Santa Ana River	SWPPP		5/95	4/01		10/04	10/06
65	B	0C510	ORA	005	34.1	Widening Bridge	Santa Ana River	SWPPP		2/85	7/02		1/05	1/06
66	B	0C770	ORA	405	13.9	Construct Auxiliary Lane	Fountain Valley Channel	SWPPP		9/01	6/02		1/05	8/06
67	B	07810	ORA	055	16.1	Construct New Interchange	Santa Ana River	SWPPP			12/02		1/05	3/06
68	B	0C780	ORA	405	12.8	Construct Auxiliary Lanes	Santa Ana River	SWPPP		9/01	7/02		2/05	2/06

SECTION FIVE

Regional Work Plan

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
69	B	0C010	ORA	005	20.2	Aesthetic Enhancement On Bridges	San Diego Creek	303(d)		12/00	6/01		3/05	5/06
70	B	0C760	ORA	405	14.8	Construct Auxiliary Lane	Garden Grove Channel	SWPPP		9/01	7/02		3/05	5/06
71	B	0C790	ORA	405	12.7	Construct Auxiliary Lane	Santa Ana River	SWPPP		9/01	4/02		4/05	5/06
72	B	0C020	ORA	005	34	Aesthetic Enhancement Sculpture And	Santa Ana River	SWPPP		12/00	6/01		4/05	1/06
73	B	0A710	ORA	405	0	Construct 28 Mi Of Urban Rail Sysm	San Diego Creek	SWPPP/303(d)		7/02	12/02		5/05	4/06
74	B	0A760	ORA	405	15.3	Construct Auxiliary Lanes	Garden Grove Channel	SWPPP		7/00	2/02		6/05	12/06
75	B	07820	ORA	022	09.0	Relocate And Modify Ramp	Anaheim Barber City Channel	SWPPP		10/98	2/02		8/05	8/08
76	B	0C560	ORA	091	8.1	Provide A Through Lane From NB	Santa Ana River	SWPPP/HR		9/01	6/03		11/05	4/06
77	B	0E790	ORA	405	13.4	Widen OC	Fountain Valley Channel	SWPPP		7/01	7/02		11/05	4/07
78	B	0C600	ORA	005	42.1	Widen And Reconstruct Freeway	Fullerton Creek	SWPPP		3/96	8/01		4/06	6/07
79	B	07162	ORA	022	00.7	Widen Interchange & Construct Conn	Bolsa Chica Channel	SWPPP			2/02		2/06	5/09
80	B	0C030	ORA	055	6.4	Add HOV Lanes & Auxilliary Lanes	Lane Channel	SWPPP		6/01	6/03		6/06	6/08
81	B	0C120	ORA	057	21.2	Reconstruct Climbing Auxiliary Lane	Tonner Creek	SWPPP		9/01	7/04		4/07	7/09
82	B	07160	ORA	022	00.7	Widen Freeway & Add Connectors	Bolsa Chica Channel	SWPPP		8/89	4/02			
83	B	06980	ORA	005	35.2	Strc & Landsc Aesthetic Enhancement	Santa Ana River	SWPPP		11/95				

* Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

** SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Note: Actual dates are provided in italics

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			No Anticipated Maintenance Activities				
Maintenance Facility and Activity Inspections							
District 12 Maintenance facilities are inspected weekly by the Maintenance facility supervisor. Per the requirements of the SWMP, the District 12 Maintenance Storm Water Coordinator will review at least 20% of District 12's facilities each year (Section 5.6).							
Maintenance Facility BMP Improvements							
The reconstruction of the Bolsa Chica Maintenance Yard will include a new wash rack and a biofiltration swale to treat surface runoff.							
Maintenance BMP Actions/Modifications							
NONE							
Vegetation Management and Vegetated Slope Management							
<p>Vegetation Control Plan- The District 12 Vegetation Control Plan (VCP) for FY 2003/04 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
<p>Vegetated Slope Evaluation- The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. The District 12 MISST has been established by assigning a supervisor and a crew to conduct the initial slope inspections. The District 12 MISST will also include representatives from the Design, Hydraulics and Environmental Branches.</p>							
			Route/PM	County	Inspection Schedule	Remediation Action Planned	

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 03/04.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
The District Construction Storm Water Coordinator prior to start of construction will review Storm Water Pollution Prevention Plans (SWPPPs) for Caltrans Construction projects.
Notification of Construction (NOC) forms will be completed and submitted to the Santa Ana RWQCB 30 days prior to the start of construction.
Notice of Completion of Construction (NCC) forms will be submitted when a construction project is complete. NCC forms will be submitted when the soil stabilization of the project meets the requirements of the General Construction Permit.
Training and Public Outreach
District 12 will be involved in the Annual Children’s Water Education Festival hosted by the Orange County Water District and Disneyland. Members of the District 12 Storm Water Program address the various issues in storm water pollution prevention to over 5,000 elementary school children.
District 12 will be training Planning and Design staff on the updated Project Planning and Design Guide (PPDG, September 2002). The PPDG is a guidance manual that will assist Caltrans staff on the decision and selection of BMPs for all projects in the planning and design phase.
Maintenance staff guidance materials provide direction, guidance, policies and procedures for all maintenance activities. The guidance materials used regularly in tailgate training of Maintenance staff as they begin an activity. First Responder Awareness training is consistently provided for all maintenance and shop personnel. This training emphasizes the 3-D approach- divert, dike, and dam- so that spills seldom approach highway drainage courses. Emergency response contractors are on call for cleanup around the clock according to the districts hazardous material spill contingency plan
Municipal Coordination
The County of Orange, the Orange County Flood Control, and 24 of the 33 Orange County cities are co-permittees on a municipal NPDES Permit with the San Diego RWQCB. Newly incorporated cities will be added as Orange County co-permittees. The County of Orange and its co-permittees host Technical Advisory Committee (TAC) meetings as well as co-permittee meetings. The District 12 Storm Water Coordinator will attend Orange County TAC meetings and maintain a continuous exchange of information.
District 8 and 12 jointly host regional NPDES Coordination Team meetings attended by the Santa Ana RWQCB liaison and the Orange County Public Facilities and Resource Department liaison. These meetings are held on a quarterly basis.
District 12 personnel will attend Total Maximum Daily Load (TMDL) workshops as they are announced.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

9

CALTRANS DISTRICT

8

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 8

SAN DIEGO REGION 9

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 8

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**SAN DIEGO REGION 9
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 8**

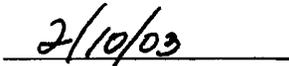
**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
San Diego Region**

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)]



Anne Mayer, District Director



Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 8 water bodies, Best Management Practices (BMPs) and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Department District 8 fall within the jurisdiction of the San Diego Regional Water Quality Control Board (coverage area). Organization charts for District 8 are included in Figures 2-1. Staff responsible for implementing the SWMP within the San Diego Regional Water Quality Control Board jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Paul Lambert	NPDES Storm Water Coordinator, Design Storm Water Coordinator	(909) 383-4948	Paul_Lambert@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Walt Griffith	Construction Storm Water Coordinator	(909) 514-2402	Walt_Griffith@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the RE s in reviewing SWPPPs/WPCPs
Jim Dodd	Maintenance Storm Water Coordinator	(909) 383-4703	Jim_Dodd@dot.ca.gov	Implementation of the policies, procedures, personnel and equipment of the District SWMP
Mark Leichtfuss	Engineering Services Storm Water Coordinator	(909) 383-4999	Mark_Leichtfuss@dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
John Marcinek	Project Management Storm Water Coordinator	(909) 383-6722	John_Marcinek@dot.ca.gov	Primary contact for Project Management-related storm water issues.
Melvin Mendez	Operations Storm Water Coordinator	(909)383-7975	Melvin_Mendez@dot.ca.gov	Primary contact for Operations-related storm water issues.
Michael Yarbrough	Right of Way Storm Water Coordinator	(909) 383-4581	Michael_Yarbrough@dot.ca.gov	Primary contact for Right of Way-related storm water issues.
Rosanna Roa	Environmental Planning Storm Water Coordinator	(909) 383-5917	Rosanna_Roa@dot.ca.gov	Primary contact for Environmental Planning-related storm water issues.
Yong H. Kim	Planning Storm Water Coordinator	(909) 388-7027	Yong_Kim@dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Tim Watkins	Resource Management Storm Water Coordinator	(909)383-6819	Tim_Watkins@dot.ca.gov	Primary contact for Resource Management-related storm water issues.

In compliance with Permit Section M. 10. b, the following [individuals/positions] listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
District Director	All
District NPDES Storm Water Coordinator	All District storm water related documents except Annual Report Certification
Design Senior Engineer	NOC
Construction Senior or Resident Engineer	SWPPP approval, NOCC,NOC
Maintenance Senior	Maintenance activity reports
Maintenance Superintendent	Maintenance activity reports

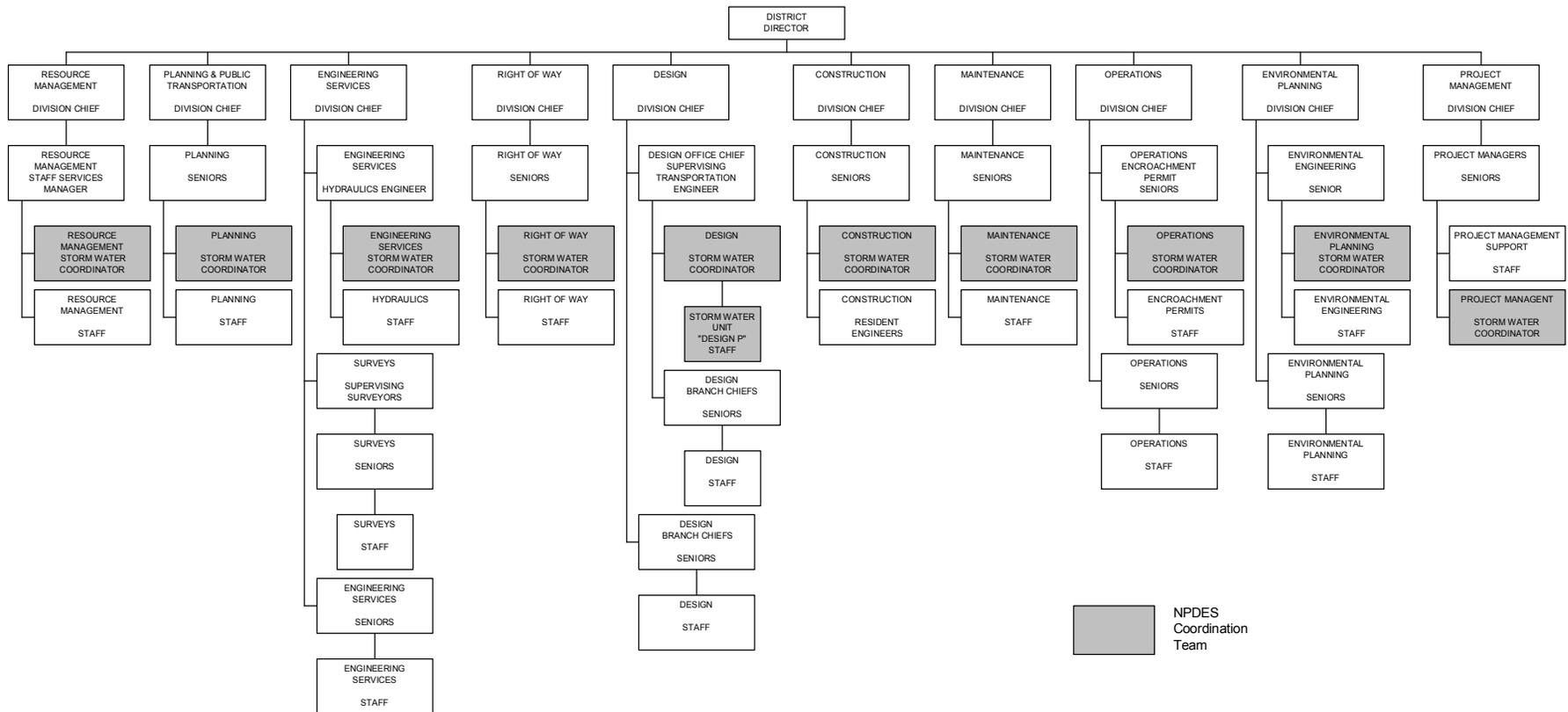


Figure 2-1
Organizational Structure of District 8
Storm Water Program

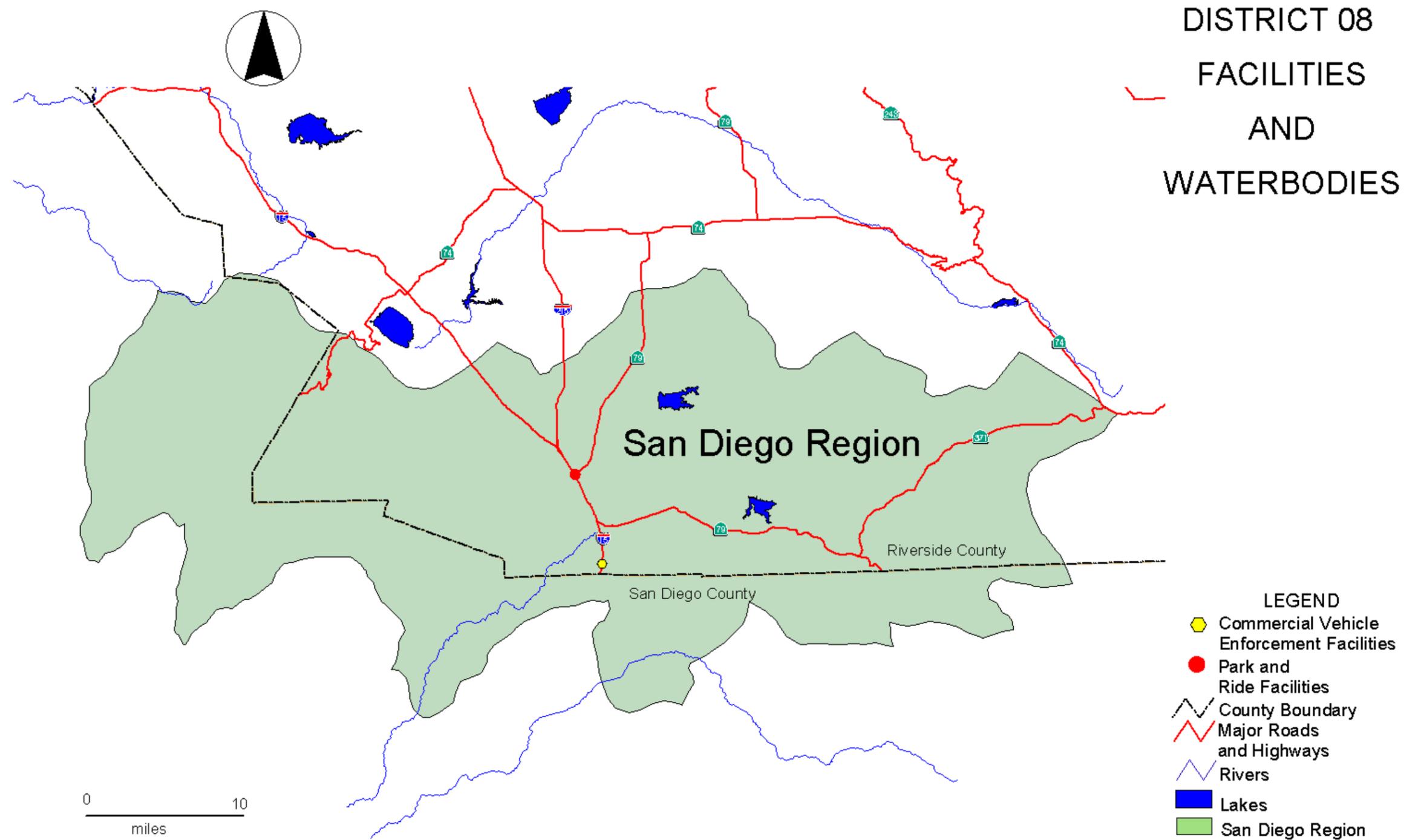
3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the San Diego Regional Water Quality Control Board, and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 8 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
None				
Vista Points				
None				
Commercial Vehicle Enforcement Facilities				
RIV	15	R0.7	Rainbow NB	
Roadside Rest Areas				
None				
Park and Ride Facilities				
RIV	15	6.6	Rancho California	
Sand and Salt Staging Areas				
None				
Snow Storage Sites				
None				
Toll Road and Bridge Plazas				
None				

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>



**Figure 3-1
District 8 Facilities and Waterbodies**

4.0 HIGH RISK AREAS

No high risk areas have been identified 8 within the San Diego Region. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 8 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP** Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID)	Project Dev. (PA&ED)	Final Design (PS&E)	Start Date	Completion Date
1	B	32780	RIV	215	12.3-12.8	reconstruct ic	None	SWPPP	53.0	4/2000	10/2001			
2	D1a	43280	RIV	215	10.7	reconstruct interchange	None	SWPPP	16.6	10/1997	10/1997	7/2002	6/2003	7/2004
3	A	45020	RIV	079	7-7.1	Bridge scour mitigation	Temecula Creek	401	0.124	11/1999	9/2002	4/2003	10/2003	4/2004
4	B	46460	RIV	079	10.9-15.8	widen to 4-lane expressway/highway	Range Creek San Diego Aqdt.	SWPPP, 401	30	8/1991	7/2001	3/2003	3/2004	6/2005
5	C1b	49530	RIV	015	7.8	rehabilitate existing check dam	Warm Spring Creek	401		10/1999	11/2000	6/2001	8/02	12/02

Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Roadway Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None							
Maintenance Facility and Activity Inspections							
For the year 2002-03 Beechers Corners, Burnt Mill, Essex, Hemet, Blythe, Keen Camp Maintenance Facilities will be inspected							
Various maintenance activities will be inspected, they include paving, crack sealing, and shoulder backing							
Maintenance Facility BMP Improvements							
Additional Storage buildings have been purchased for Maint. Facilities, Stock-pile have has run-off BMP's put in place, new technology is being explored							
Maintenance BMP Actions/Modifications							
Review FPPP at Maintenance Facilities. Determine its effectiveness. If there are deficiencies within the FPPP, then Maintenance will propose modifications for the following year.							
Improve BMPs at Vactor sites and stock pile locations							
Improve BMP's at Material Storage areas.							
Vegetation Management and Vegetated Slope Management							
The District 8 Vegetation Control Plan (VCP) for FY 2002/03 is complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
Vegetated Slope Evaluation							
County	Route	PM	County	Inspection Schedule	Remediation Action Planned		
None							

(1) Major roadway maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and The Department staff.

- (2) Criteria
- SWPPP = Greater than 5 acres of land disturbance
 - 303d = 303 (d) listed water body with project limits and affected by project
 - 401 = 401 Certification/Waiver required
 - SEP = Supplemental Environmental Project
 - Retro = Storm Water Retrofit Project (SWMP 4.4.2)

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES (Continued)

- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program (CCMP). Monitoring results are provided in the annual report. In addition to the CCMP, the District Construction Division conducts internal audits of construction sites. These audits “rate” the performance of the construction sites in the same fashion as the CCMP.
Training and Public Outreach
1. Training will be provided to Project Planners and Designers on the following topics: Procedures of the Project Planning and Design Guide (PPDG), Permanent Erosion Control, Temporary Erosion Control, Storm Water Data Report Preparation, and the design of Treatment BMPs.
2. Training is an ongoing process for maintenance. All crews are shown the videos of (Storm Water Quality Training For Maintenance) Course # G31430. The Storm Water Coordinator gives training as needed to all maintenance crews regarding BMP's and environmental concerns. Field Supervisors train, review and document BMP's used on maintenance activities at facilities and in the field for maintenance employees. Storm water training is also given in conjunction with Hazmat training. Additional training will be provided as the new maintenance guidelines are completed. Supervisors and Superintendents receive additional Storm Water training at one of the training sessions at the Maintenance Academy in Kingvale. Maintenance Public Affairs Officers distribute Storm Water literature provided from Headquarters' Environmental Section at various Maintenance functions, job fairs, Southern Equipment Roadeo, open houses, Route 66 Rendezvous, etc.
3. Training is an ongoing process for the Construction Division. All construction field office personnel have been through a 6 hr class, “Storm Water Control on Construction Projects “ /#G0C017. All construction field office Seniors and Resident Engineers are also to attend a “Storm Water Control on Construction Projects Management” this class is currently being scheduled. For new employees and those who were unable to attend the original classes there will be additional classes scheduled. The District Construction Division conducts training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.
District Storm Water Unit staff will again participate in the Environmental Expo, to be held at Cal State San Bernardino. Staff from the District Storm Water Unit will demonstrate the effects of all-too-common activities (excessive pesticide and fertilizer use, dumping used motor oil in stormdrains, poor erosion control practice, etc) on non-point source storm water pollution using the District’s Enviroscope watershed model. Hand-outs describing the Department’ Storm Water Program will be distributed.
The District Storm Water Unit will also demonstrate the Enviroscope watershed model as part of the District’s “Bring your Child to Work Day”. The model will be displayed for children of District employees between the ages of 6 and 16.
The District Storm Water Unit, with the assistance of the District Public Affairs Unit, will seek out additional public information opportunities at County Fairs, schools, and other public events.
Municipal Coordination
District Storm Water Unit staff will participate in monthly coordination meetings of the Riverside County/Murietta Creek MS4 Co-Permitees

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **9**

CALTRANS DISTRICT
11

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 11

SAN DIEGO REGION 9

WATER QUALITY CONTROL BOARD

CTSW-RT-03-020

APRIL 1, 2003



CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 11

**STORM WATER MANAGEMENT PROGRAM
REGIONAL WORK PLAN 2003/2004**

FOR

**SAN DIEGO REGION 9
WATER QUALITY CONTROL BOARD**

CTSW-RT-03-020



**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
San Diego Region 9
Fiscal Year 2003/2004
April 1, 2003**

California Department of Transportation Districts 11

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)]


PEDRO ORSO-DELGADO
District Director

CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 11

APPROVAL
Regional Work Plan 2003/2004

California Regional Water Quality Control Board
San Diego Region 9

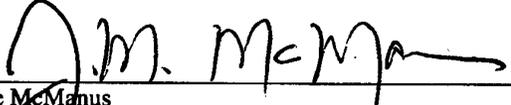
April 1, 2003

California Department of Transportation District 11



Allan Kosup
Deputy District Director Program/Project Management

3/6/03
Date



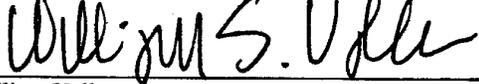
Mike McManus
Deputy District Director Maintenance & Operations

3/4/03
Date



Charles "Muggs" Stoll
Deputy District Director Environmental

3/4/03
Date



William Valle
Deputy District Director Engineering

3/5/03
Date



Richard A. Hopkins
Deputy District Director Construction

3/6/03
Date



Joel Haven
Deputy District Director Design

3/5/03
Date

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of District 11 fall within the jurisdiction of the Colorado River Basin Regional Water Quality Control Board. Organization charts for District 11 are included in Figure 2.1, District 11 NPDES Team Organizational Chart. Staff responsible for implementing the SWMP in the Colorado River Basin Regional Water Quality Control Board include NPDES Program Manager, Cory Binns, District NPDES Coordinator, and other responsible staff as appropriate. A list of the key contacts is provided in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL

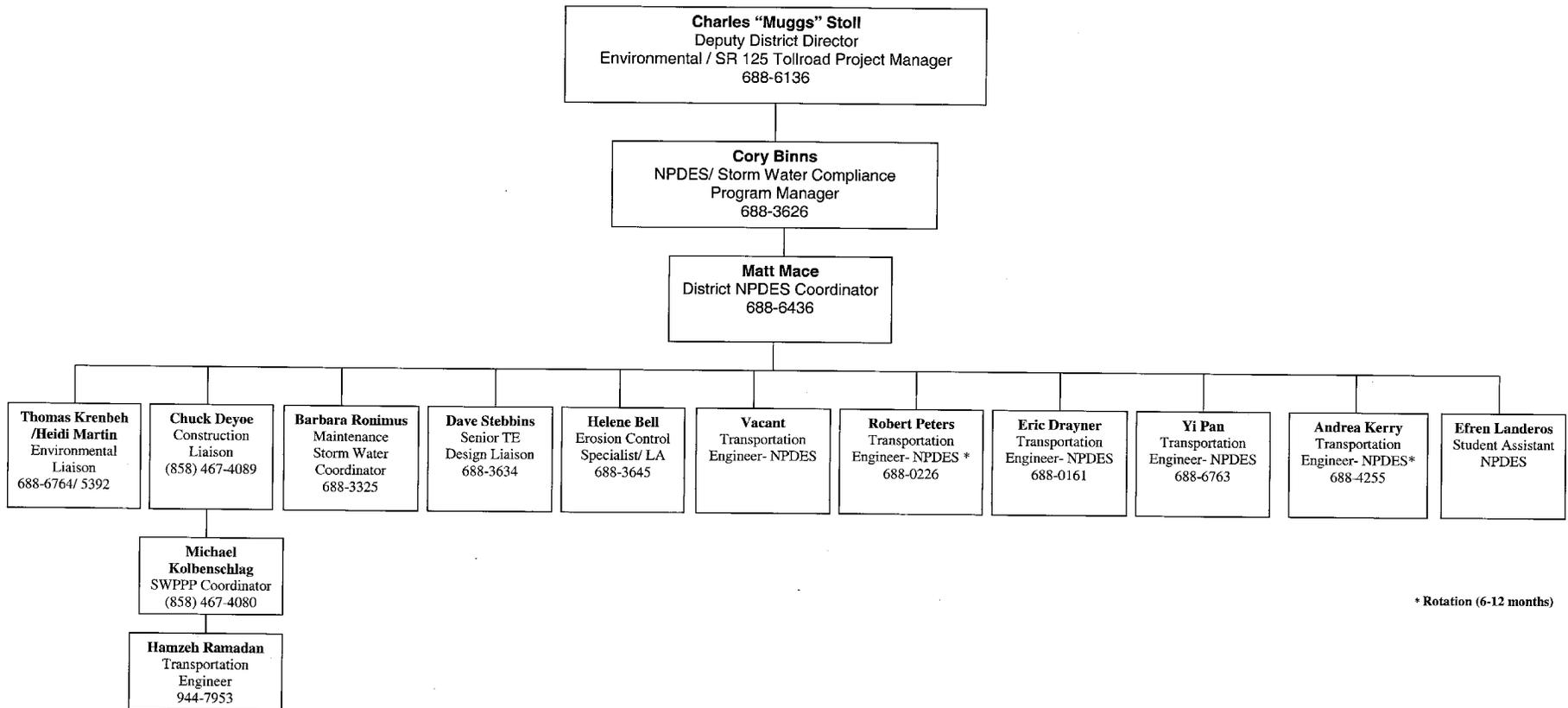
Staff	Title	Phone Number	E-Mail Address
Cory Binns	Program Manager	(619) 688-3626	Cory Binns@dot.ca.gov
Matt Mace	District NPDES Coordinator	(619) 688-6436	Matt Mace@dot.ca.gov
Dave Stebbins	District Design Storm Water Coordinator	(858)688-6676	David Stebbins@dot.ca.gov
Michael Kolbensschlag	District Construction Storm Water Coordinator	(858)467-4080	Michael Kolbensschlag@dot.ca.gov
Barbara Ronimus	District Maintenance Storm Water Coordinator	(619) 688-3325	Barbara Ronimus@dot.ca.gov

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
NPDES Program Manager	All District Documents with except of Regional Work Plan (RWP)
District NPDES Coordinator	Notification of Construction (NOC)
	Notice of Completion of Construction (NOCC)
	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
	Notice and Report of Non-Compliance
Construction Storm Water Coordinator	Notice and Report of Non-Compliance for Construction Projects
Maintenance Storm Water Coordinator	Notice and Report of Non-Compliance for Maintenance Activities

NPDES TEAM ORGANIZATIONAL CHART



* Rotation (6-12 months)

**Figure 2-1
NPDES Organizational Chart**

SECTION TWO

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1.

TABLE 3-1: DISTRICT 11 FACILITIES

CO	RTE	PM	NAME	DESCRIPTION
Maintenance Stations				
SD	5	9.1	Chula Vista	Highway Maintenance
SD	5	20.1	Pacific Hwy	Landscape Maintenance
SD	5	47	Carlsbad	Highway Maintenance
SD	8	4.4	Camino Del Rio	Landscape Maintenance
SD	8	38	Descanso	Highway Maintenance
SD	15	12.5	Chollas	Structural Bridge Operations
SD	52	0	Santee	Highway Maintenance
SD	75	20.3	Coronado Toll Bridge	Highway Maintenance
SD	78	16	Escondido	Highway Maintenance
SD	79	28.3	Lake Henshaw	Highway Maintenance
SD	805	12.3	Imperial	Landscape Maintenance
SD	805	21.8	Kearny Mesa	Highway Maintenance
SD	905	3.8	Otay	Landscape Maintenance
Commercial Vehicle Enforcement Facilities				
SD	5	R67.1	San Onofre	NB
SD	5	R67.4	San Onofre	SB
SD	15	53.5	Rainbow	Southbound (SB)
SD	905	12	Otay Mesa	Northbound (NB)
Vista Points				
SD	5	39.1	Manchester	Vista Point
SD	5	63.7	Las Flores	Vista Point
SD	8	35.5	Viejas Grade	Vista Point
Park And Ride Facilities				
SD	5	39.8	Birmingham	NE corner Birmingham Dr in Cardiff
SD	5	26.8	Gilman Dr	SW corner Gilman Dr IC
SD	5	32.9	Carmel Valley	SW corner Carmel Valley Rd
SD	5	44-45	La Costa	NE, 710 La Costa Ave.
SD	8	9.7	La Mesa	SE corner Alvarado Rd & 70th St
SD	8	12.7	Fuerte Dr	SW corner I-8 & Fuerte Dr
SD	8	14.2	Murray	S side Murray Dr abutting Route 8
SD	8	20.1	Camino Canada	SE corner Camino Canada in Glenview
SD	8	21.8	Lake Jennings	NE corner Lake Jennings Park Rd
SD	8	37.8	Japatul Valley	NW corner Japatul Valley Rd
SD	8	11-12	Severin-Bancroft	SW, 5480 Bancroft Dr

TABLE 3-1: DISTRICT 11 FACILITIES (Continued)

CO	RTE	PM	NAME	DESCRIPTION
CO	RTE	PM	NAME	DESCRIPTION
SD	8	12-13	Severin-Murray	NE, 9307 Murray Dr
SD	8	17-18	E. Main- Madison	NE, 1470 East Madison
SD	8	0.99	Taylor	SW, 4300 Taylor St.
SD	8	21.7	Los Coches	SE, 13702 Camino Canada
SD	8	8.7	70th Alvarado	SE, 7100 Alvarado
SD	15	15.8	Mira Mesa	NW, 4929 Mira Mesa
SD	15	15.8	Mira Mesa	NW corner Mira Mesa IC
SD	15	18.2	Community Rd	SW of Community & Twin Peaks Rd
SD	15	18.2	Penasquitos	SW corner Rancho Penasquitos Blvd
SD	15	21.2	Elephant Bar	West Bernardo Dr
SD	15	32.9	El Norte Pkwy	SE corner El Norte Pkwy IC
SD	15	15-16	Black Mtn	Black Mtn at Hillery Dr
SD	15	18-19	Poway-Sabre Springs	NW 12668 Sabre Spring Blvd (mall)
SD	15	23.5	Rancho Bernardo	NW, Rancho Bernardo Rd
SD	15	36.5	Deer Springs Rd	Deer Springs Rd at Serendipity Lane
SD	15	39.3	Mt. Meadows Rd	Mt. Meadows Rd at Champagne Blvd
SD	15	40.8	Gopher Canyon Rd	Gopher Canyon Rd/Champagne Blvd
SD	15	26.7	Via Rancho Pkwy	North County Fair
SD	52	13-14	Mission Gorge/Big Rock Dr	SE, Santee
SD	54	2.5	Jamacha Blvd	S side Jamacha Blvd near Sweetwater
SD	54	15	Washington Ave	S side near Jamacha Rd
SD	54	16	Madison in El Cajon	N side near Main St
SD	56	0.7	Rancho Carmel	NE, 10155 Rancho Carmel Dr.
SD	56	0.3	Ted Williams Pkwy	Ted Williams Pkwy/Sabre Springs Pkwy
SD	67	3.9	Riverford Dr.	NE, 11575 Woodside Ave
SD	67	5.5	Mapleview	NE, 12522 Mapleview
SD	76	17.3	Hwy 76 - I-15	NW
SD	76	2-3	Mission Ave/Frontier Dr	SE, Oceanside
SD	78	3.3	College (South)	SE, 3700 Haymer
SD	78	6.9	Sunset	SW, 501 Seaview Place
SD	78	3-4	Hwy 78-College(North)	NW
SD	78	5.9	Broadway	SW, 871 North Broadway
SD	94	12.8	Sweetwater Springs	NE, 3642 Agua Dulce
SD	94	8-9	Lemon Grove High	SW, 7675 High St.
SD	125	13-14	Bancroft-Grossmont	SW, 5230 Bancroft Dr
SD	805	8.6	Sweetwater	SE, 2300 Sweetwater Rd
SD	805	24.4	Governor	NW, 5196 Governor Dr
SD	805	26.9	Mira Mesa	NE
Safety Roadside Rest Areas				
SD	5	R59.4/R6	Aliso Creek	5.8 mi. N of Oceanside; NB & SB
SD	8	R49	Buckman Springs	3.3 mi. E of Pine Valley
Toll Road And Toll Bridge Plazas				
SD	75	20.284	San Diego/Coronado	San Diego – Coronado Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>.

4.0 HIGH RISK AREAS

A list of high risk areas within District 11 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

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

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREA

Road Segment/ Facility	County	High Risk Area	Description
I-15	SD	Lake Hodges	Water supply reservoir for City of San Diego

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “<5ACRESP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	A	08010	SD	76	7.5-12.4	Construct 4 Lane Fwy		SWPPP		9/21/06				
2	A	08062	SD	0	0	Stormwater Retrofit Of Kearny Mesa Maint. Yard		RETRO		1/2/02	6/1/03	11/28/03	7/25/04	
3	A	08061	SD	0	0	Stormwater Retrofit Of Chula Vista Maint. Yard		RETRO		12/4/01	12/14/03	6/26/04	11/23/04	
4	A	05630	SD	11	0-2.7	New Sr-11 4-Lane Freeway		SWPPP		9/28/00	6/16/06	7/26/07	5/21/08	11/7/10
5	B	17282	SD	56	2.1 - 6.3	Const 4-Lane Fwy	Penasquitos Creek	SWPPP 303d			1/16/02	7/31/02	12/2/04	
6	B	23260	SD	15	13.1M - 16.8M	Const Added Lanes		SWPPP		9/23/98	1/4/02	3/25/02	12/2/02	1/3/07
7	B	23910	SD	5506	-	Construct District Office Building	San Diego Bay	SWPPP		10/2/01	8/8/02	4/20/03	8/18/05	
8	B	07860	SD	5	8.6 - 10.0R	Replace Planting		SWPPP		9/15/99	5/31/02	2/20/03	8/10/03	2/1/08
9	B	06481	SD	15	18.8M - 28.1M	Construct Managed Lanes (Stage 1)		SWPPP 401		9/23/98		3/26/03	12/28/03	12/31/09
10	B	06484	SD	15	18.8M - 28.1M	Noise Mitigation For Hov/Managed		SWPPP 401		9/23/98		10/5/03	6/16/04	7/6/07
11	B	00320	SD	78	1.5 - 3.3	Const Truck Climbing Lane		SWPPP			1/1/03	1/27/04	6/18/04	2/18/06
12	B	06510	SD	5	34.8R - 35.7R	Const Auxiliary Lane N/B		401		10/9/97	9/15/02	1/8/04	6/24/04	12/21/04
13	B	06500	SD	5	29.5R - 30.1R	Const Auxiliary Lane S/B	Los Penasquitos lagoon	303d			2/11/03	7/13/04	10/31/04	8/27/05
14	B	06380	SD	8	17.4 - 18.7R	Const Auxiliary Lane-E/B & Replace		SWPPP		10/10/97	1/11/03	10/20/04	5/29/05	3/19/08
15	B	06670	SD	5	10.0R - 10.7R	Construct Auxiliary Lane		401		12/30/98	7/7/03	4/7/05	11/7/05	12/9/06

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period		
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date	
16	B	09316	SD	905	5.7 - 12	Const 6-Lane Fwy		401			4/15/03	8/22/05	5/22/06	1/11/09	
17	B	14665	SD	94	10 - 11.8R	Outside Lane Widening/Const Fwy		SWPPP			10/18/01	9/22/05	8/4/06	5/8/07	11/28/10
18	B	05630	SD	11	0 - 2.7	Construct 4-Lane Freeway	Otay River	401			9/28/00	6/26/05	8/23/06	6/19/07	12/5/09
19	B	08030	SD	94	0 - 10.3	Sr 94 Capacity Enhancement Project		401				10/14/07	7/14/08	4/13/09	8/30/13
20	B	23580	SD	5	34.1R - 54.6R	Const Hov/General Purpose/Aux Lanes		401			1/31/00	6/4/07	12/2/09	2/7/13	2/8/15
21	B	06480	SD	15	10.7R - 31.8R	Const Managed Lanes		swppp 401			9/23/98	10/15/02			
22	B	24540	SD	5	13.8R - 14.3R	Upgrade Planting/Mural	San Diego Bay	303d				4/30/02	12/21/02		6/4/05
23	B	24910	SD	54	0 - 1.9	Upgrade Planting	Sweetwater River	SWPPP				11/15/02	6/28/03		12/10/05
24	C	06520	SD	5	24.1R - 25.8R	Const Auxiliary Lane	Mission Bay	SWPPP 303d	7.40			3/14/00	3/17/00	8/8/00	6/30/04
25	C	07241	SD	15	12.1M - 19.5M	Install Fiber Optic Closed Circuit	Penasquitos Creek	SWPPP 303d	10.00			1/30/01	5/18/01	10/18/01	10/17/05
26	C	0301U	SD	5	28.3R - 37.0R	Widen Freeway And Bridges	Los Penasquitos Lagoon	SWPPP 303d 404	153.00				5/10/01	3/18/02	3/19/07
27	C	01140	SD	125	11.2 - 12.1	Replce Plantng Portion Of Esa	Sweetwater River	SWPPP	22.00		6/30/98	10/30/98	11/28/01	5/13/02	3/8/06
28	C	17641	SD	94	17 - 19.7	Replace Planting Portion Of	Sweetwater River	SWPPP	11.30		1/3/01	6/27/01	2/8/02	7/24/02	7/24/06
29	C	07080	SD	15	06.5R - 10.8R	Replace Planting		SWPPP	7.40			9/28/01	2/16/02	8/15/02	8/15/03
30	C	07580	SD	5	20.2R - 24.1R	Const Median Barrier		SWPPP			8/31/99	6/18/01	2/9/02	9/12/02	7/8/04
31	C	16573	SD	78	72.9 -	Bridge Widening & Rail Upgrades		401			10/7/97	12/22/00	6/23/02	12/20/02	12/10/03

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP category**	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
32	C	23261	SD	15	17.5M - 18.0M	Const Auxiliary Lane (S/B)		401		9/23/98		1/6/03	9/15/03	4/6/08
33	C	01061	SD	52	14.7 - 16.3	Const 4-Lane Fwy		SWPPP			7/1/98	7/20/03	9/2/04	4/10/07
34	C	09180	SD	905	11.1R - 11.6R	Const Interchange		SWPPP			4/28/00	12/27/04	9/19/05	10/25/07
35	C	01062	SD	52	16.2 - 17.7	Const 4-Lane Fwy		401			7/1/98	2/8/07	7/28/07	11/29/10
36	D	06570	SD	805	8.7 - 9.7	Replce Plantng And Irrigation	Sweetwater River	SWPPP	53.00			12/1/98	6/4/99	9/30/04
37	D	05461	SD	75	13.5 - 17.5	Planting And Irrigation	San Diego Bay	SWPPP 303d	123.60			7/11/98	6/24/99	7/1/04
38	D	07020	SD	94	3.7 - 4.6	Planting And Irrigation	Chollas Creek	SWPPP 303d	87.00		10/9/98	3/31/99	9/10/99	8/31/03
39	D	04807	SD	15	00.5R - 1.8	Close Ramps And Construct Extension	San Diego Bay/Chollas Creek	SWPPP 303d	75.00			12/1/98	11/12/99	1/1/04
40	D	0486A	SD	15	04.0R - 05.8R	Highway Planting And Irrigation	Chollas Creek	SWPPP 303d	28.00		10/23/98	12/28/99	7/11/00	7/31/04
41	D	01073	SD	125	19 - 21.3	Construct New Multilane Highway	Alvarado Creek, San Diego River	SWPPP	70.00			12/31/99	12/8/00	1/1/05
42	D	07340	SD	15	20.1M - 21.2M	Widen And Upgrade Existing Freeway	Los Penasquitos Lagoon	SWPPP 303d	104.00		10/8/99	4/28/00	12/8/00	4/30/03
43	D	07100	SD	5	12.0R - 13.1R	Replace Planting And Irrigation	Chollas Creek	SWPPP 303d	30.00	10/1/97	6/29/00	11/30/00	4/19/01	8/29/04
44	D	00192	SD	125	11.2 - 12.2	Construct Highway & Bridges	Sweetwater River	SWPPP	6.10	10/30/98		5/25/01	11/7/01	6/29/04
45	D	23471	SD	15	5.4 - 5.6	Planting And Irrigation	San Diego River	SWPPP	5.00	1/6/00	1/6/00	4/16/01	12/27/01	6/10/03
46	D	00193	SD	125	12.1 - 13.7	Construct 6 Lane Freeway	Sweetwater River	SWPPP	11.30		6/30/00	11/26/01	5/5/02	9/1/07
47	D	23900	SD	15	27.3M - 33.6R	Construct Median Barrier	Escondido Creek and Lake Hodges	303d	4.90	11/18/99	11/18/99	1/27/02	12/17/02	5/28/04

TABLE 5-1: DISTRICT 11 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

* Criteria

- SWPPP = greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d = 303 (d) listed
- 401 = 401 Cert,
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = High Risk Area Present
- RB = RWQCB designated projects posing a threat to water quality

**SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR Approved but Environmental Documents are not final
- (C) Environmental Documents final

Environmental documents final, design complete and project in the construction phase of project delivery.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SD	All Metropolitan		Drain Inlet Inspection and Cleaning as required			June 2003	October 1, 2003
Maintenance Facility and Activity Inspections							
The District Maintenance Storm Water Coordinator will inspect all Maintenance Facilities within District 11.							
Maintenance Facility BMP Improvements							
Chula Vista and Kearny Mesa Maintenance Stations are being looked at for storm water improvements. The project is currently in the planning phase. These projects, like all projects, are subject to budget constraints. Minor improvements are made each year to help meet the goal of compliance for maintenance stations under the current SWMP.							
Vegetation Management and Vegetated Slope Management							
The District 11 Vegetation Control Plan (VCP) for FY 2003/04 is under development. The VCP Goal is to minimize the discharge of chemicals to receiving waters by reducing the chemical use for vegetation control. The VCP includes the following major items:							
<ul style="list-style-type: none"> ▪ Types of chemical to be applied and form (dry or liquid) ▪ Application locations, lengths, widths, total area, rates, frequency, total amount ▪ Reason for application ▪ Mowing program 							
Districts will provide the VCP for FY03/04 to the RWQCB by May 15, 2003.							
The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over a course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date. The District Maintenance Storm Water Coordinator and/ or staff will inspect 20% of the slopes, by June 2003. The entire district to be completed by the fifth year.							
Training and Public Outreach							
Training will be done as outlined in the SWMP							

(1) Significant road maintenance activities include projects involving grade changes, additional hydraulic capacity, direct or likely discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance (1 acre after March 2003)
- 303d = 303 (d) listed
- 401 = 401 Cert,
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = High Risk Area Present
- RB = RWQCB designated projects posing a threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 02/03.	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
San Diego I-5 PM 66.7 NB	Congested/Free-flowing Highway Runoff Characterization Study
San Diego I-15 PM 26.1 SB	Congested/Free-flowing Highway Runoff Characterization Study
San Diego I-5 PM 37.1 NB	Congested/Free-flowing Highway Runoff Characterization Study
San Diego I-15 PM 13.8 SB	Congested/Free-flowing Highway Runoff Characterization Study
San Diego I-805 PM 26.5	Highway Runoff Characterization Study
San Diego I-805 PM 14.9	Highway Runoff Characterization Study
San Diego I-8 PM 14.6	Highway Runoff Characterization Study
San Diego I-5 San Onofre Truck Inspection	Weight Station Runoff Characterization Study
San Diego SR 56	Storm Water Treatment Technology Research
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
Training and Public Outreach	
Participation in "Think Blue", a cooperative effort with the City of San Diego, the Port Authority of San Diego and the Department.	
Municipal Coordination	
Attend San Diego MS-4 Co-Permittee Meetings, participate in Project Clean Water Workgroups, cooperate with SANDAG on inlet inventory.	

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION **9**

CALTRANS DISTRICT
12

CALIFORNIA DEPARTMENT OF TRANSPORTATION

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN 2003/2004

FOR FISCAL YEAR 2003/2004



DISTRICT 12

REGIONAL WATER QUALITY
CONTROL BOARD

SAN DIEGO, REGION 9

CTSW-RT-01-075

APRIL 1, 2003

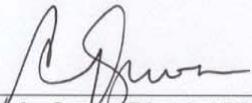


**CALIFORNIA DEPARTMENT
OF TRANSPORTATION
DISTRICT 12**

**Certification
Regional Work Plan 2003/2004**

**California Regional Water
Quality Control Board
San Diego, Region 9**

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)]



Cindy Quon, District Director

2-6-03

Date

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1.0 INTRODUCTION

The Regional Work Plan (RWP) provides region-specific information on District 12, water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2003/2004 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

2.0 DISTRICT 12 PERSONNEL AND RESPONSIBILITIES

Portions of District 12 fall within the jurisdiction of the San Diego Regional Water Quality Control Board, Region 9 (coverage area). Organization chart for District 12 is included in Figure 2-1. Staff responsible for implementing the SWMP within the San Diego RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DISTRICT 12 STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Grace Piña-Garrett	District 12, NPDES Storm Water Coordinator	(949) 724-2189	Grace_pina-garrett@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the District.
Hector Salas	Environmental Specialist (NPDES Unit)	(949) 724-2625	Hector_Salas@dot.ca.gov	Under the Direction of the District Storm Water Coordinator, the Environmental Specialist ensures permit compliance from all functional units. Contacts and submits all information to RWQCB (NOC, NCC, Non-compliance)
Lee Haber	Construction Storm Water Coordinator	(949) 724- 2180	Lee_Haber@dot.ca.gov	Review and Approve SWPPP/ WPCP Documents. Liaison between field Construction and NPDES Unit
Carol Lonebear	Maintenance Storm Water Coordinator	(714) 974-3872	Carol_Lonebear@dot.ca.gov	Liaison between Maintenance field crews and Storm Water Unit. Inspects Maintenance facilities and provides training to Maintenance field personnel.
Tommy Hsu	Environmental Planning Storm Water Coordinator	(949) 724-2702	Tommy_Hsu@dot.ca.gov	Environmental Liaison to the NPDES Unit. Reviews projects in the planning and environmental document and prepares Technical Water Quality Documents for Caltrans projects.
Daniel Hing	Right of Way Representative	(949) 724-2145	Daniel_Hing@dot.ca.gov	Conducts Airspace Lease Inspections for Water Quality

In compliance with Permit Section M. 10. b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions	Documents Authorized for Signature
Design Branch Chiefs	Notification of Construction (NOC)
Resident Engineers	Notice of Completion of Construction (NCC), SWPPP Approval
Chief, NPDES Unit	Transmittals to RWQCB <ul style="list-style-type: none">• Discharge or Threat of Discharge Notification• Notice of Non-Compliance Notifications• Notification of Construction (NOC)• Notice of Completion of Construction
Maintenance SWC	Facility Pollution Prevention Plan (FPPP)

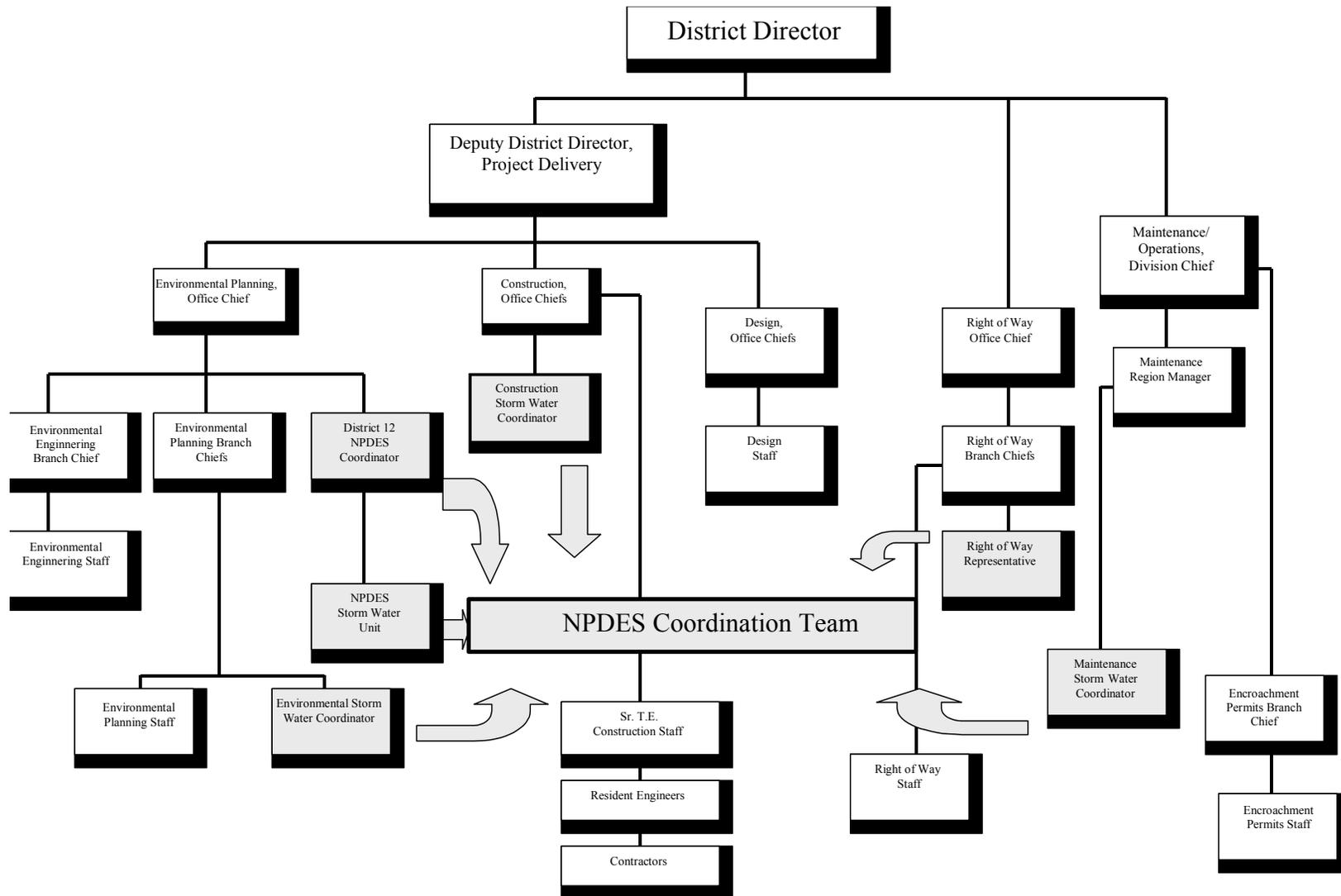


Figure 2-1
District 12 Organizational Chart

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies the Department facilities and water bodies within each District and Regional Board jurisdiction. A list of District 12 facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 12 boundaries within the San Diego RWQCB, and major roads and highways are presented in Figure 3-1

TABLE 3-1: DISTRICT 12 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
Orange	5	8.8	San Juan Capistrano	32941 Camino Capistrano San Juan Capistrano, CA
Commercial Vehicle Enforcement Facilities				
NONE				
Park and Ride Facilities				
Orange	5	10.9	Junipero Serra	SE Corner of Junipero Serra & I-5 in San Juan Capistrano
Toll Road and Bridge Plazas				
Orange	73	18.7	Catalina	Toll Plaza

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on the Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

District 12
State of California
Department of Transportation
Orange County



LEGEND

- Highway
- Proposed Tollroad
- Orange County Line
- Rivers & Creeks
- Flood Control Channels
- San Diego Region
- Interstate
- State



Water Bodies in the San Diego Region

North Orange County
(Region 8- Santa Ana Region)

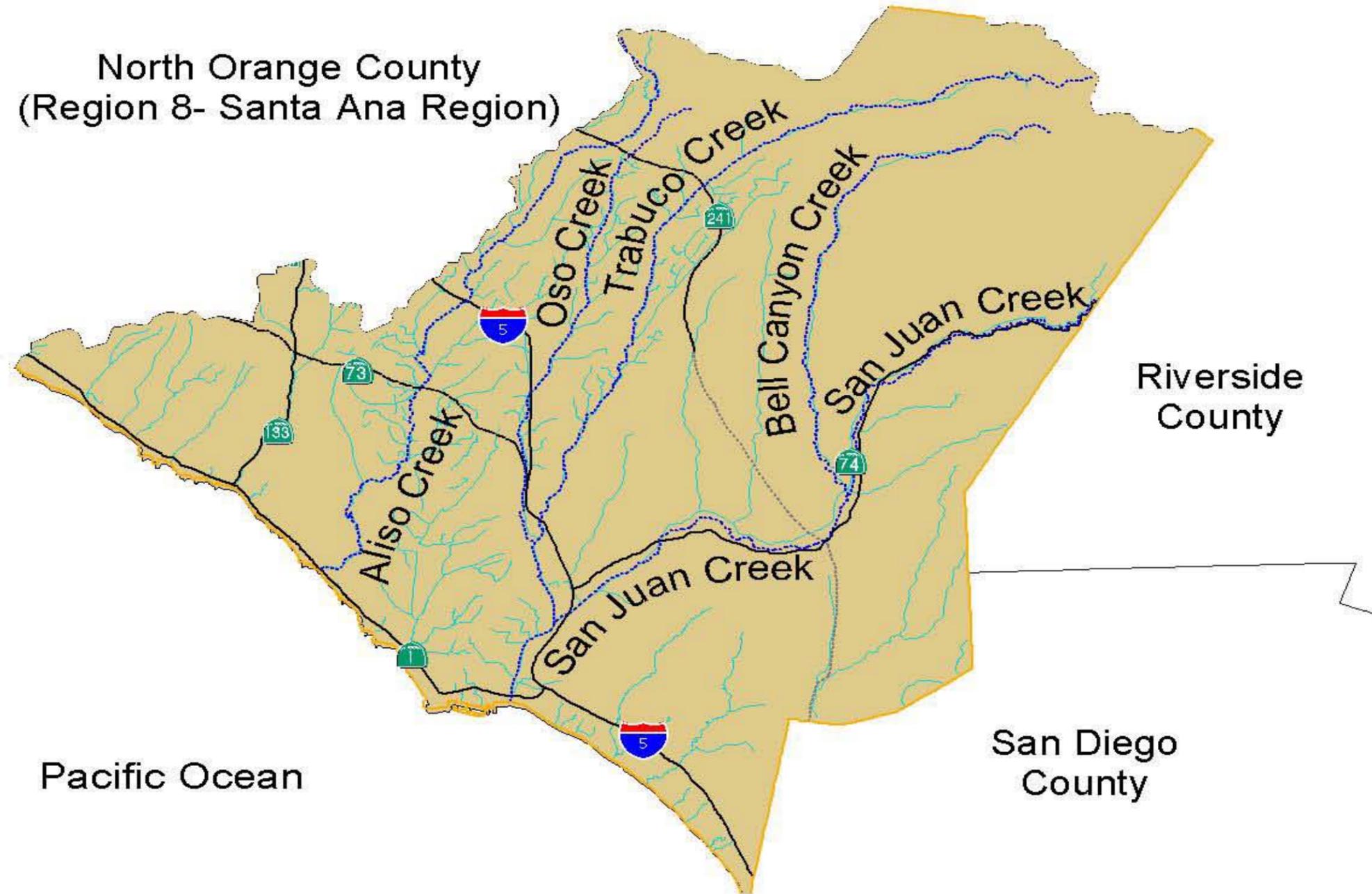


Figure 3-1

4.0 HIGH RISK AREAS

A list of high risk areas within District 12 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from District 12 owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Caltrans. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, District 12 first contacted known public and private water supply providers. From the information received, District 12 determined which facilities were susceptible to a direct spill from the Department activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

Per the definition in Section E.2 of the Permit, there are no High Risk Areas in District 12 within the jurisdiction of the San Diego RWQCB.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
None				

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are with a “High Risk Area,” designated as “HR”;
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	09790	ORA	005	00.0	Upgrade Approach Rail-Bridge Rail	San Mateo Creek	SWPPP		11/99	2/01		1/03	1/04
2	C	0A390	ORA	005	7.4	Realign Camino Capist/Stonehill	San Juan Creek	SWPPP / 303(d)		1/00	1/01		1/03	1/04
3	C	0E030	ORA	005	06.8	Dowel Retrofit Truck Lanes Both Dir	San Juan Creek	SWPPP / 303(d)		12/99	1/01		1/04	6/05
4	C	0E020	ORA	005	14.5	Dowel Retrofit Truck Lanes Both Dir	Oso Creek	SWPPP		8/01	8/01		2/04	5/05
5	C	0C860	ORA	005	04.4	Highway Planting Restoration	Pacific Ocean	SWPPP		10/01	12/01		7/05	12/05
6	C	0C880	ORA	005	01.6	Highway Planting Restoration	Pacific Ocean	SWPPP		10/01	12/01		7/05	12/05
7	C	0E930	ORA	005	13.7	Highway Planting Restoration	Oso Creek	SWPPP		10/00	3/01		10/05	4/06
8	C	0A980	ORA	073	9.6	Landscaping Enhancement	Los Trancos Creek	SWPPP		1/01	7/01		1/06	2/07
9	C	0E170	ORA	005	01.2	To Identify & Screen Congestion	San Mateo Creek	SWPPP		12/99	1/00			
10	B	09740	ORA	133	00.0	Drainage Improvements	Pacific Ocean	SWPPP		1/00	10/00		9/02	9/03
11	B	0A920	ORA	241	18.5	Addition Of Up To Two Lanes In Each	Trabuco Creek	SWPPP		4/00	7/00		10/02	7/03
12	B	0C550	ORA	133	0	Pavement Rehabilitation	Pacific Ocean	SWPPP		6/01	6/01		1/03	12/03
13	B	1072U	ORA	133	04.1	Widen And Realign Rdwy	Bommer Canyon Creek	SWPPP		12/93	7/01		1/03	1/05
14	B	0A900	ORA	241	24.7	Addition Of Up To Two Lanes In Each	Aliso Creek	SWPPP		12/99	7/00		1/03	5/06
15	B	0C050	ORA	133	4.1	Install Soft Barrier	Bommer Canyon Creek	SWPPP		7/01	1/02		3/03	12/03
16	B	0C380	ORA	001	12.1	Crystal Cove Storm Water Quality	Pacific Ocean	SWPPP		3/01	6/01		3/03	10/03
17	B	0A220	ORA	005	12	Superelevation Modification	Oso Creek	SWPPP		5/01	1/02		3/03	11/03
18	B	0C370	ORA	001	3.3	Pch Widening/Addition Of Class 1	Pacific Ocean	SWPPP		1/01	12/01		4/03	10/03

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
19	B	0E700	ORA	001	01.0	Widening Of The Bridge Sidewalk At	San Juan Creek	SWPPP/303(d)		8/01	3/02		4/03	3//04
20	B	0C690	ORA	001	02.4	Construct Raised-Landscaped Median	Pacific Ocean	SWPPP		2/02	8/02		5/03	4/04
21	B	0A400	ORA	005	7.4	Construction Of Outer Separation	San Juan Creek	SWPPP/303(d)		8/00	7/01		5/03	5/04
22	B	0A040	ORA	133	3.4	Roadway Widening	Bommer Canyon Creek	SWPPP		12/99	7/02		7/03	6/05
23	B	0C670	ORA	005	1.7	Rehab Ac Pavement In Both Direction	San Mateo Creek	SWPPP		10/01	10/01		8/03	7/04
24	B	0A260	ORA	005	8.9	Scour Mitigation	San Juan Creek	SWPPP		5/00	5/01		9/03	9/04
25	B	0C070	ORA	001	0.3	Upgrade Bridge Rail & Install	San Juan Creek	SWPPP/303(d)		4/01	12/01		11/03	5/04
26	B	0E070	ORA	005	15.1	Widen Nb Oso Pkwy Loop On Ramp Sb	Oso Creek	SWPPP		9/01	10/02		2/05	4/07
27	B	0E570	ORA	005	08.4	Reconstruct Dff Ramp Add 2 Left	San Juan Creek	SWPPP/303(d)		8/01	8/03		2/05	3/06
28	B	04320	ORA	074	13.3	Widen Rdwy	San Juan Creek	SWPPP/303(d)		12/97	1/03		6/05	10/06
29	B	08430	ORA	005	03.4	Upgrade Planting & Irrigation	Pacific Ocean	SWPPP		11/97	4/04		9/05	9/09
30	B	08450	ORA	005	00.1	Upgr Pltg & Irr Add Safety Features	Pacific Ocean	SWPPP		10/97	4/04		9/05	9/09
31	B	0A940	ORA	073	9.6	Addition Of Up To Two Lanes In Each	Los Trancos Creek	SWPPP		12/03	7/04		12/05	12/12
32	B	09800	ORA	005	18.1	Relocate S/B I-5 On & Off Ramps	Aliso Creek	SWPPP		8/01	5/03		1/06	7/06
33	B	0A070	ORA	005	16.5	Reconstruct Undercrossing At La Paz	Aliso Creek	SWPPP		9/01	7/04		2/06	2/08
34	B	0E620	ORA	005	16.8	Extend 1 Auxiliary Lane From Alicia	Aliso Creek	SWPPP		7/01	7/04		2/06	2/07
35	B	0E310	ORA	074	00.0	Reconstruct Ic At Sr-74	San Juan Creek	SWPPP/303(d)		6/01	12/03		3/06	5/09

TABLE 5-1: DISTRICT 12 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE (Continued)

No.	SWMP Category**	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	08690	ORA	074	01.3	Widen Exist 2 Lane Rdwy To 4 Lanes	San Juan Creek	SWPPP/303(d)		<i>12/97</i>	<i>10/02</i>		<i>10/06</i>	<i>1/08</i>
37	B	0A950	ORA	073	11.5	Caltrans Maintenance Facility	Buck Gully	SWPPP		<i>4/00</i>	<i>7/00</i>		<i>12/09</i>	<i>4/10</i>
38	B	08820	ORA	074	00.0	Aerial Survey And Realign Highway	San Juan Creek	SWPPP/303(d)		<i>6/99</i>				
39	A	0C820	ORA	241	05.5	Encroachment Permit To Regrade Slope	Oso Creek	SWPPP		<i>4/1/02</i>	<i>4/1/02</i>		<i>8/1/03</i>	<i>2/1/04</i>
40	A	0A890	ORA	241	24.7	Addition Of Two Lanes In Each Direc	Aliso Creek	SWPPP		<i>2/1/03</i>	<i>7/1/03</i>		<i>5/1/04</i>	<i>12/1/08</i>
41	A	09520	ORA	005	14.6	Repair Oso Chanl.(Par Kjk Ct12 011)	Oso Creek	SWPPP						

* Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

** SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental documents final, design complete and project in the construction phase of project delivery

Note: Actual dates are provided in Italics

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
None							
Maintenance Facility and Activity Inspections							
District 12 Maintenance facilities are inspected weekly by the Maintenance facility supervisor. Per the requirements of the SWMP, the District 12 Maintenance Storm Water Coordinator will review at least 20% of District 12's facilities each year (Section 5.6).							
Maintenance Facility BMP Improvements							
None							
Maintenance BMP Actions/Modifications							
None							
Vegetation Management and Vegetated Slope Management							
<p>Vegetation Control Plan- The District 12 Vegetation Control Plan (VCP) for FY 2003/04 complete. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program 							
<p>Vegetated Slope Evaluation- The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. The District 12 MISST has been established by assigning a supervisor and a crew to conduct the initial slope inspections. The District 12 MISST will also include representatives from the Design, Hydraulics and Environmental Branches.</p>							
			Route/PM	County	Inspection Schedule	Remediation Action Planned	

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 03/04.
Site Specific Monitoring and Reporting for the Compost Storm Water Filters on SR-73 will be conducted in accordance with the San Diego RWQCB Cease and Desist Order No. 2001-198. District 12 has submitted a Water Quality Monitoring Plan on October 31, 2001, which identifies the 3 sites selected for water quality monitoring. In accordance with the CDO, monitoring at the selected sites will continue until the CDO is rescinded.
Construction Compliance Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
The District Construction Storm Water Coordinator prior to start of construction will review the Storm Water Pollution Prevention Plans (SWPPPs) for Caltrans Construction projects.
Notification of Construction (NOC) forms will be completed and submitted to the Santa Ana RWQCB 30 days prior to the start of construction.
Notice of Completion of Construction (NCC) forms will be submitted when a construction project is complete. NCC forms will be submitted when the soil stabilization of the project meets the requirements of the General Construction Permit.
Training and Public Outreach
Caltrans District 12 will be involved in the Annual Children’s Water Education Festival hosted by the Orange County Water District and Disneyland. Members of the District 12 Storm Water Program address the various issues in storm water pollution prevention to over 5,000 elementary school children.
District 12 will be training Planning and Design staff on the updated Project Planning and Design Guide (PPDG, September 2002). The PPDG is a guidance manual that will assist Caltrans staff on the decision and selection of BMPs for all projects in the planning and design phase.
Maintenance staff guidance materials provide direction, guidance, policies and procedures for all maintenance activities. The guidance materials used regularly in tailgate training of Maintenance staff as they begin an activity. First Responder Awareness training is consistently provided for all maintenance and shop personnel. This training emphasizes the 3-D approach- divert, dike, and dam- so that spills seldom approach highway drainage courses. Emergency response contractors are on call for cleanup around the clock according to the districts hazardous material spill contingency plan
HQ has printed and distributed brochures and handouts to District 12 covering the different areas of the Storm Water Program. Brochures such as the Department’s monitoring program, BMP pilot study, litter research and first flush monitoring. These handouts will be made available to the public via coordination with the county of Orange as well as distributing them at water and transportation festivals.
Municipal Coordination
The County of Orange, the Orange County Flood Control, and 24 of the 33 Orange County cities are co-permittees on a municipal NPDES Permit with the San Diego RWQCB. Newly incorporated cities will be added as Orange County co-permittees. The County of Orange and its co-permittees host Technical Advisory Committee (TAC) meetings as well as co-permittee meetings. The District 12 Storm Water Coordinator and the Storm Water Program Manger will attend Orange County TAC meetings and maintain a continuous exchange of information.