California Department of Transportation

Storm Water Management Program

Regional Work Plan

Colorado River Basin Region 7

Fiscal Year

2006-2007

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California Department of Transportation
Division of Environmental Analysis
Storm Water Management Program
464 West 4th Street, San Bernardino, California 92401
http://www.dot.ca.gov/hq/env/stormwater

April 1, 2006

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California Department of Transportation
District 8 Certification

Regional Work Plan 2006-2007

California Regional Water Quality Control Board
Colorado River Basin Region 7

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)]

Michael A. Perovich March 14, 2006

Michael Perovich **Date**
District 8

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1.0 INTRODUCTION

General Information about this Regional Work Plan (RWP)

The Regional Work Plan (RWP) provides region-specific information for District 8, Region 7's water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2006-2007 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.

Goals and Commitments

District 8 will continue to train its Design, Construction, Permits, and Maintenance staff on storm water issues by conducting tailgate meetings and formal classes on specific storm water management strategies and activities. New training for engineering staff will include the principles of designing treatment BMPs. The District continues to implement its storm water program for all Divisions. The District NPDES Storm Water Coordinator evaluates projects on a regular basis to ensure that measures required by the SWMP are effectively implemented. Adjustments will be developed and implemented as the evaluation results identify.

Major Changes

As necessary, the District will evaluate what changes should be made to the District's Departments to improve implementation of the SWMP. Major upcoming changes will include compliance with the requirements of the new Department NPDES permit and revised SWMP, which is currently under negotiation with the State Water Resources Control Board (SWRCB).

Documentation

As necessary, the District will evaluate what changes should be made to the District's documents to improve communication and reporting accuracy. Internal storm water documentation may be updated to reflect the changes.

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2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

District NPDES Storm Water Coordinator

The District NPDES Storm Water Coordinator (DNPDESSWC) is a District Senior level employee in charge of all storm water activities in the District. The DNPDESSWC is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and District Division Chiefs for the purpose of effective communication, collaboration, and coordination of storm water activities. The DNPDESSWC provides support, direction, and guidance to the other District Storm Water Coordinators (DSWCs).

The NPDES SWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The NPDES SWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The NPDES SWC supervises staff, which supports and executes activities of the NPDES SWC and the Storm Water Program.

The responsibilities of the District NPDES Storm Water Coordinator include:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Be the ultimate signatory authority in the District for all compliance documents (with the exception of the Regional Work Plan) and commitments regarding storm water management
- 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 the District 8 Office of Storm Water Quality (OSWQ) for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District OSWQ.
- 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 on 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. Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Guides the establishment of impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Works as leader and Chairperson of the District 8 NPDES Task Force.

District Design Storm Water Coordinator

The District Design Storm Water Coordinator (DDSWC) is responsible for coordinating the SWMP and RWP related efforts of the Division of Design as it plans and designs transportation and transportation related construction projects. The DDSWC also coordinates the SWMP and RWP related efforts of local agencies that sponsor projects on the U.S., State, and Interstate highway systems. With the assistance of the District OSWQ, the DDSWC:

- Coordinates NPDES related training of Design Staff and consultants that plan and design highway projects.
- Reviews project plans and related documentation to ensure the proper and effective implementation of Best Management Practices (BMPs).
- Represents the District on the Project Development SWAT.
- Creates and implements policies and procedures to ensure Design compliance with the SWMP and NPDES Permit.
- Assists designers with implementing innovative strategies in properly implementing BMPs into projects.
- Coordinates production of Notification of Construction.

District Maintenance Storm Water Coordinator

The Maintenance Storm Water Coordinator (DMSWC) is responsible for communicating with the DDC of Maintenance and Maintenance Field Operations regarding the proper implementation of maintenance related sections of the SWMP and RWP. The DMSWC reports all storm water related maintenance activities to the DNPDESSWC 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 the liaison to the Field Maintenance Operations and meets routinely with them 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 DMSWC serves as the conduit for information between the DNPDESSWC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

District Construction Storm Water Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (DCSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The DCSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The DCSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the DCSWC 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 before and during the course of construction.
- Conduct final project closeout inspections.
- Assist with recommendations for preparing 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.
- Assist with recommendations for submitting Threat of Discharge reports.
- Assist with recommendations for submitting 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
- Review and Concur with Project Storm Water Data Reports

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.

Landscape Architecture Coordinator

The Landscape Architecture Program (LAP), 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 8. The Branch Chief, supervisor, of the erosion/sediment control branch is the LAP's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The LAP Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the LAP Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the LAP 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.
- Assists in the development of new specifications, details, and guidance materials related to erosion and sediment control.
- Preparation of contract PS&E to address permanent 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.
- Assist in development of training programs, especially that attributed to LAP staff.

The LAP Coordinator acts as the liaison with the Headquarters Landscape Architecture Program to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the LAP 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.

District Right-of-Way Storm Water Coordinator

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

- Attend all D8 NPDES Task Force meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection and/or demolition 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 the Department's 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 Storm Water Coordinator

The District Engineering Storm Water Coordinator (ESWC) is a member of the D8 NPDES Task Force that provides information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The ESWC ensures that the management and staff of the Office of Hydraulics are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges.

District Public Education Storm Water Coordinator

The Public Education Storm Water Coordinator is a member of the D8 NPDES Task Force 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 Education Storm Water Coordinator is responsible for:

- Ensuring 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

District Operations Storm Water Coordinator

The Operations Storm Water Coordinator is a member of the District 8 NPDES Task Force that is responsible for ensuring that the District Office of Encroachment Permits complies 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 comply with the Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.

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 SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

Portions of Caltrans District 8 fall within the jurisdiction of the Colorado River Basin Region Regional Water Quality Control Board (CRB-RWQCB). An organizational chart for the District 8 Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within the CRB-RWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.

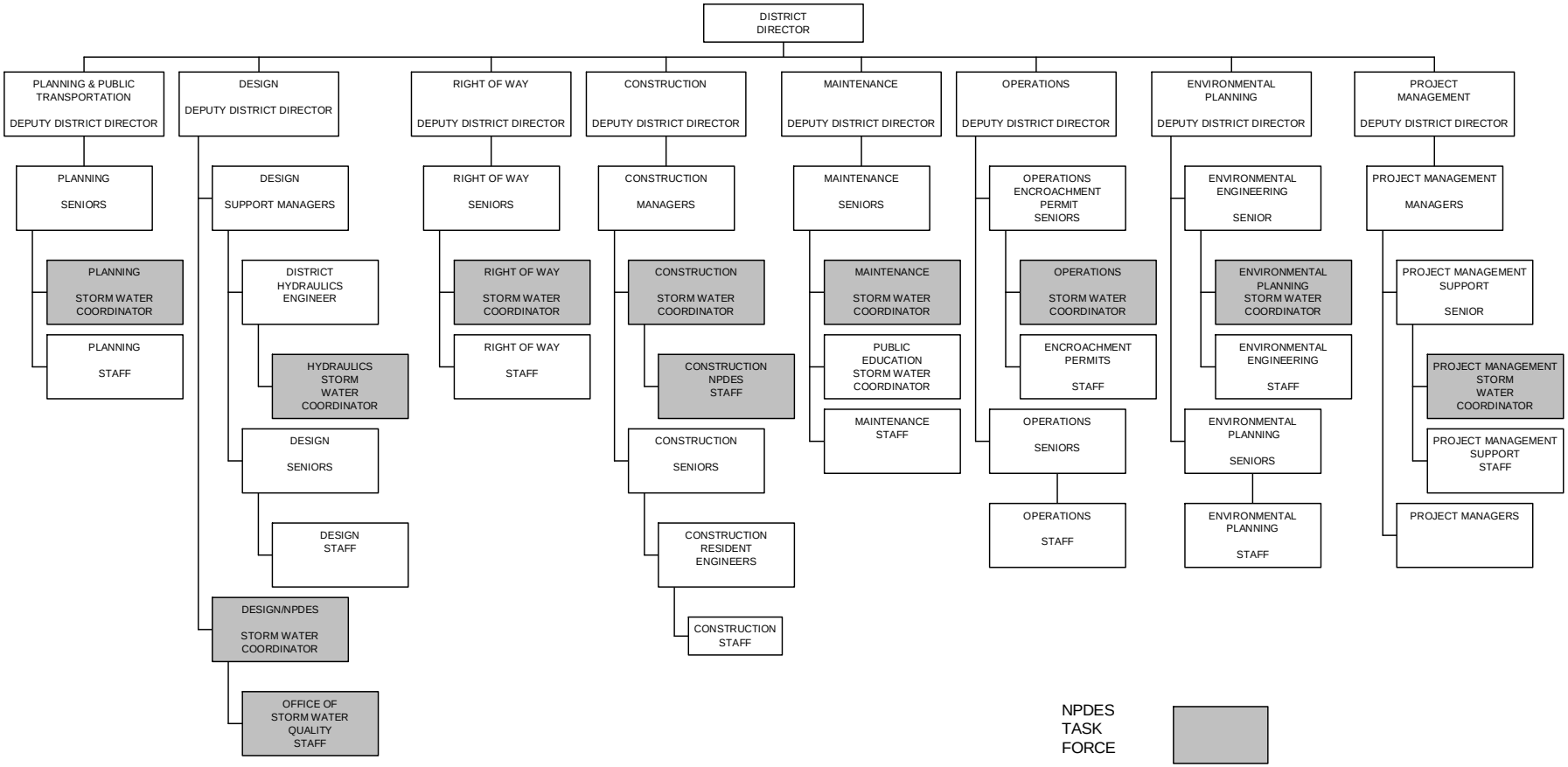
Table 2–1: District 8 Department Storm Water Personnel and Responsibilities

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.
David Meress	Construction Storm Water Coordinator	(909) 799-8273	Dave_Meress@ dot.ca.gov	Provides assistance to Resident Engineers, and ensures that field construction personnel are appropriately trained to ensure compliance with water pollution control requirements. Conduct inspections to assist field personnel in ensuring that storm water controls are implemented on construction sites and to assist the RE in reviewing SWPPPs.
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
Roy King	Engineering Services Storm Water Coordinator	(909) 383-6478	Roy_king @ dot.ca.gov	Primary contact for Hydraulic-related storm water issues.
Ali Hadavi	Project Management Storm Water Coordinator	(909) 383-5908	Ali_Hadavi@ 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.
Hortensia Irigoyen	Planning Storm Water Coordinator	(909) 383-6391	Hortensia_Irigoyen @dot.ca.gov	Primary contact for Transportation Planning-related storm water issues.
Ivy Estrada	Public Education Storm Water Coordinator	(909) 383-7969	Ivy_estrada@ dot.ca.gov	Primary contact for Public Education-related storm water issues.

Table 2–2: District 8 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: District 8 Organizational Chart



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3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and RWQCB jurisdiction. A list of The Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 8 boundaries within the Colorado River Basin RWQCB, and major roads and highways are presented on Figure 3-1: District 8 Facilities and Waterbodies.

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				
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.

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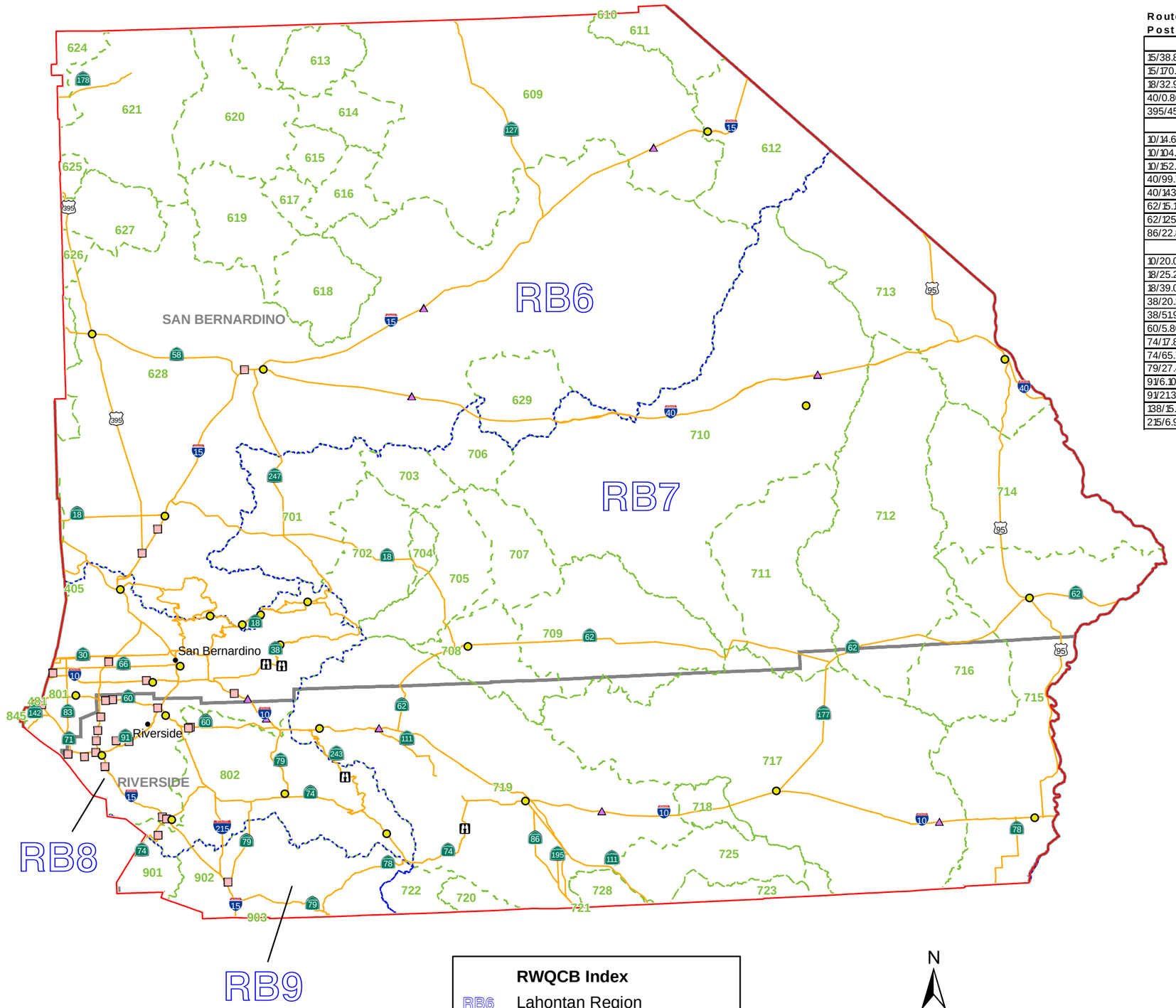
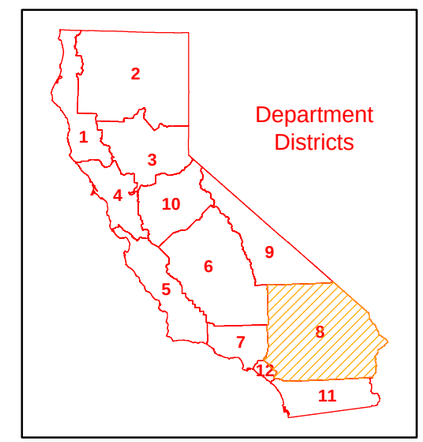


Maintenance Station Addresses

Route/ Post Mile	Name	Street Address	City and Zip Code
Lahontan Regional Board (Region 6)			
15/38.80	Victorville	13693 Mariposa Rd I 15 PM 39.84	Victorville Ca. 92392
15/170.60	Mountain Pass	94200 Clarke Mountain Rd	Mountain Pass Ca. 92366
18/32.90	Dry Creek	32821 Hilltop Blvd.	Arrowbear Ca. 92382
40/0.80	Barstow	1800 Dill Road	Barstow Ca. 92311
395/45.90	Beechers Corner	Jct SR 58 Jct US 395	Boron Ca. 93516
Colorado River Basin (Region 7)			
10/14.60	Banning	2033 E Ramsey Street	Banning Ca. 92220
10/104.50	Desert Center	44-470 Ragsdale Road	Desert Center Ca. 92239
10/152.60	Blythe	431 East Broadway	Blythe Ca. 92226
40/99.70	Essex	Old Hwy 66 Box 4	Essex Ca. 92332
40/143.70	Needles	800 San Clemente	Needles Ca. 92363
62/15.10	Paradise Valley	6690 La Contena Road	Yucca Valley Ca. 93384
62/125.80	Vidal	Jct SR 62 Jct SR 95	Vidal Ca. 92280
86/22.80	Indio	83-997 Indio Blvd	Indio Ca. 92201
Santa Ana Regional Board (Region 8)			
10/20.00	Magana Ortega	451 West Slover Avenue	Bloomington Ca. 92316-2400
18/25.20	Burnt Mill	28712 Hwy 18	Lake Arrowhead Ca. 92317
18/39.00	Lakeview	SR 18 PM 39	Arctic Circle Ca.
38/20.20	Camp Angelus	37710 Hwy 38	Angelus Oaks Ca. 92305
38/51.90	Fawnskin	42060 North Shore Dr	Fawnskin Ca. 92333
60/5.80	Ontario	1165 E Philadelphia Street	Ontario Ca. 91761
74/17.80	Elsinore	18745 Conard Avenue	Elsinore Ca. 92330
74/65.70	Keen Camp	54999 Hwy 74 #6 Lake Hemet	Mountain Center Ca. 92361
79/27.40	Hemet	1738 Juanita Street	San Jacinto Ca. 92383
91/6.10	Corona	842 El Sobrante Road	Corona Ca. 91719
91/21.30	Riverside	1091 Everton Place	Riverside Ca. 92507
138/15.30	Cajon	14757 State Hwy 138	W Cajon Valley Ca. 92371
215/6.90	District 8 Office	404 West 4th Street	San Bernardino Ca. 92401-1400



RWQCB Index

- RB6 Lahontan Region
- RB7 Colorado River Basin Region
- RB8 Santa Ana Region
- RB9 San Diego Region

Legend

- Major City
- Rest Area
- Maintenance Station
- Park & Ride
- Vista
- Department Facility
- Department Boundary
- RWQCB Boundary
- Hydrologic Unit
- County Boundary

Figure 3-1
District 8 RWQCB and H.U. Boundaries

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4.0 HIGH-RISK AREAS

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

High-risk areas (defined in the Section E.2 of the Permit) are 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 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.

At this time, there are no High Risk areas identified within the Region 7 areas of District 8.

Goals and Commitments

The District is committed to maintaining the quality of water within its jurisdiction, as it has been since the inception of the program. In the event that any water quality concerns are detected in the future, goals and commitments will be developed and implemented to address those issues.

Coordination and Partnerships

As required by the SWMP and Permit, the District coordinates regularly with agencies, partners, local interested parties, and RWQCB staff to accomplish its storm water management goals. If future issues require, the District will coordinate with groups or agencies to implement BMPs wherever possible.

Documents and Reports

As necessary, the District will evaluate what changes should be made to the District's existing documents and/or guidance on storm water activities and tasks to improve implementation of the SWMP. Major upcoming changes to documents and reports will comply with the requirements of the new Permit and new SWMP, which is currently under development.

Educational Efforts

The District continues to conduct training classes, as needed, to train District staff and contractors on the use of BMPs to comply with SWMP requirements and to address how

certain projects might potentially impact high-risk areas. The District will evaluate what training or educational sessions may be helpful in educating District staff about the special issues high-risk areas present and how to address them according to the requirements of the SWMP and Permit.

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 of land disturbance, designated as "DSA";
- 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."

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; it 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). Department DNCs or Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

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

Goals and Commitments

The District continues to track and ensure storm water compliance in Department projects. Projects are reviewed to ensure implementation of storm water treatment controls and erosion control practices are being considered at each phase of the project.

Coordination and Partnerships

As required by the SWMP and Permit, the District coordinates regularly with agencies, partners, local interested parties, and RWQCB staff to accomplish its storm water management goals. If future issues require, the District will coordinate with groups or agencies to implement BMPs wherever possible.

Documents and Reports

As necessary, the District will evaluate what changes should be made to the District's existing documents and assess the need for new documents (such as manuals and guidance) that should be developed to improve implementation activities. Major upcoming changes to documents and reports will comply with the requirements of the new Permit and new SWMP, which is currently under development.

Educational Efforts

The District will evaluate what training or educational sessions may be helpful in educating District staff about implementation activities and how to address them according to the requirements of the SWMP and Permit.

Table 5-1: District 8 Anticipated Project Development/Construction Schedule														
No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted by Project	Land Disturbance Acreage	Criteria**	Anticipated Project Delivery Schedule		Construction Period	
											PA&ED Date	PS&E Date	Start Date	Completion Date
1	B	47860	Riv	86S	R15.6	R17.8	New Interchange	NONE	43	DSA	3/15/2007	9/1/2008	3/1/2009	6/3/2011
2	C	49180	Riv	62	0.3	R6.4	Pavement Rehabilitation	NONE	9.9	DSA	8/30/2005	12/3/2007	6/1/2008	10/5/2009
3	C	47680	SBd	62	17.1	17.8	Roadway Widening	NONE	10.2	DSA	1/5/2005	To be rescheduled		
4	D	0C410	Riv	74	87.6	87.7	ADA Upgrade to Vista Point	Coachella Valley Storm Channel, Salton Sea	unk	303d	4/8/2003	3/30/2006	4/30/2006	7/7/2007
5	B	0G860	SBd	40	105.3	105.6	Upgrade John Wilkie SRRA	N/A	unk	DSA	4/2/2007	7/7/2008	1/6/2009	4/5/2010
6	B	1A5400 Minor A	Riv	86S	R15.5	R23.2	Grind in Rumble strips on outside and inside (Median shd) shoulders	Coachella Valley storm channel	0.028 (0.0113)	DSA	5/1/2006	9/4/2006	4/3/2007	6/4/2007
7	B	0E620	Riv	86S	10.63	11.43	Construct new interchange	Coachella Valley storm channel	46	303(d), DSA	7/8/2008	1/8/2008		2/11/2013
8	D	0E910	SBd	247	2.7	3.2	Signalize intersection	NONE	5.2	DSA	3/30/2005	12/1/2005	7/6/2006	12/6/2006
9	B	0E870	Riv	111	28.7	29.5	AC, curb & gutter	Coachella Valley storm channel	15	DSA	2/28/2006	6/5/2006	1/1/2007	
10	B	0H520	Riv	111	30.8	31.3	Sidewalks, C&G	Coachella Valley storm channel	10	DSA		No Schedule Yet		

Table 5-1 Legend

*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4–3,

(A)	Beginning of project development process prior to approval of the PSR (Project Study Report)
(B)	PSR approved, but environmental documents are not final
(C)	Environmental documents final
(D)	Environmental documents final, designs complete and project in the construction phase of project delivery

Note: The most updated SWMP is dated insert new SWMP date. Therefore, the SWMP Categories A, B, C, and D are selected for the projects between the five years period of Year to Year from PID to CCA.

**Criteria:

DSA	=	Disturbed Soil Area is greater than 5 acres
303d	=	303(d) listed water body within project limits and affected by project
401	=	401 Certification/waiver required
HR	=	High Risk (Project limit within a high-risk area)

Key:

EA	=	Expenditure Authorization
CO-RTE-PM	=	County / Route / Post Mile
SWPPP / WPCP	=	Storm Water Pollution Prevention Plan / Water Pollution Control Program
Water Body	=	Water body impacted by project
RB	=	Regional Water Quality Control Board
PID	=	Project Initiation Document
PAED	=	Project Approval / Environmental Document
PS&E	=	Plans, Specifications, and Estimates
RTL	=	Ready to List
CCA	=	Construction Completion Acceptance
SEP	=	Supplemental Environmental Project
Retro	=	Storm Water Retrofit Project (SWMP Section 4.4.2)

Note: All projects that do not require a SWPPP will require a WPCP.

Table 5-2: District 8 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities (1)							
District 8 has no significant road maintenance scheduled affecting 303d listed water bodies for the 06/07 year							
County	**Route**	**PM**	**Description**	**Water Bodies Affected**	**Criteria (2)**	**Start Date**	**Completion Date**
Maintenance Facility and Activity Inspections							
The District Maintenance Storm Water Coordinator will schedule all Maintenance Facilities within District 8 for annual inspections. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). In addition, 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. Headquarters Storm Water Section will have a consultant rewrite the FPPP on three facilities as an update and to compare with the effectiveness of the old FPPP's. The District 8 Maintenance Storm Water Coordinator will schedule at least one activity inspection weekly in the 06/07 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							
District 8 will continue to manage vegetation by integrated vegetation management (IVM) adopted by Caltran's director in 1992. Our IVM program consists of mechanical, manual, cultural, chemical and structural. The district goal is to control fire risk and maintain safety, but also filtering run-off and minimizing erosion by stabilizing slopes.							

Table 5-2 Legend

(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
DSA	=	Disturbed Soil Area is greater than one (1) acre
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 Section Update with correct section #)
HR	=	Project limits within High Risk Area
RB	=	RWQCB designated project as a potential threat to water quality

Table 5-3: District 8 General Management Practices

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 06/07 (See Annual Report).
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 and/or staff will conduct a review of 85-90% of all projects that are required to have a SWPPP or WPCP. The Construction Storm Water Coordinator and/or staff will attend 95% of the pre-construction meetings for new jobs going out to construction.
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 training 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 also conducts mini training sessions in the Districts field offices and provides assistance reviews in the same fashion as the CCMP.
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 coordination meetings of the Coachella Valley MS4 Co-permittees. District personnel will attend meetings/workshop and coordinate as needed with other Stakeholders and the Regional Board on issues pertaining to Total Maximum Daily Loads (TMDLs) for those where the Department has been identified as a potential Stakeholder.