

California Department of Transportation

**STORMWATER MANAGEMENT PROGRAM
DISTRICT 4 WORK PLAN**

**North Coast, San Francisco Bay, Central Coast, and Central
Valley Regions**

Fiscal Year

2009-2010

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**California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
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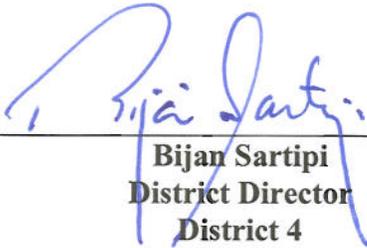
April 1, 2009



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**California Department of Transportation
District 4 Certification
District Work Plan 2009-2010**

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)]


**Bijan Sartipi
District Director
District 4**

3-16-09

Date

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1.0 INTRODUCTION

General Information about the District Work Plan

Formerly known as the Regional Work Plan (RWP), the District Work Plan (DWP) describes the stormwater organization of each California Department of Transportation (Caltrans) District. The DWPs contain projects and activities organized by Caltrans District rather than by Regional Water Quality Control Board (RWQCB or Regional Board) boundaries. Prepared and submitted on April 1 each year, the DWP outlines the planned stormwater activities for the upcoming fiscal year. Each RWQCB is provided a copy of the DWPs relevant to its jurisdiction. District 4 is situated within four different Regional Water Boards that are as follows:

1. North Coast Region (RB1)
2. San Francisco Bay Region (RB2)
3. Central Coast Region (RB3)
4. Central Valley Region (RB5)

This DWP provides District-specific information for District 4's water bodies, Best Management Practices (BMPs), and monitoring programs. The DWP describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2009-2010. Implementation activities will be conducted in accordance with the procedures presented in the SWMP.

In order to effectively comply with the requirements of the Caltrans' National Pollutant Discharge Elimination System (NPDES) permit and the SWMP, District 4 will continue to implement its stormwater program consistently throughout the District's Divisions of Environmental Planning and Engineering, Design, Maintenance, Construction, Right-of-Way, External Affairs, Operations, Program and Project Management, and Transportation Planning and Local Assistance. As necessary, the District will evaluate what changes should be made to each District's Division to improve implementation of the SWMP. In addition, the District will evaluate what changes should be made to the District's documents to improve communication and reporting accuracy. Internal stormwater documentation will be updated to reflect the changes.

On a regular basis, the District Stormwater Program Manager (Manager) and NPDES Stormwater Coordinator (DNC) evaluate projects to ensure that measures required by the SWMP are effectively implemented. Adjustments will be developed and implemented as the evaluation results identify. Besides, the District will continue to train its Design, Construction, Water Quality, and Maintenance staff on stormwater issues by conducting tailgate meetings and formal classes on specific stormwater management strategies and activities. Additional training for engineering staff will include the principles of designing various treatment BMPs.

Caltrans District 4 Division of Environmental Engineering is obligated for managing Caltrans' responsibilities under all applicable federal and state environmental laws and regulations. In so doing, the Division ensures consistent and uniform application of

environmental policies, standards, procedures, guidelines, and practices. Caltrans District 4 is committed to delivering quality transportation products and services on schedule and within budget. District 4 strives to satisfy our clients in a cost effective manner. Because adhering to the Project's schedule influences the construction cost of the project, Caltrans District 4 is committed to making decisions during the design phase that promote the most cost-effective solutions during a Project's construction. One major goal for District 4 is to have all Environmental Permits completed prior to the Project's PS&E date. Achieving this goal keeps District 4 Projects on schedule, thereby facilitating timely project delivery.

The DWP is organized as follows:

- *Section 2 – Personnel and Responsibilities* describes personnel with responsibilities for stormwater operations within the District;
- *Section 3 – District Facilities and Water Bodies* identifies District facilities;
- *Section 4 – Drinking Water Reservoirs and Recharge Facilities* describes and identifies locations where spills from the District's owned rights-of-way, activities, roadways or facilities can discharge directly to a drinking water reservoir or ground water recharge facility;
- *Section 5 – Implementation* identifies projects within the design and construction phases;
- *Section 6 – TMDLs* describes and identifies the Total Maximum Daily Loads (TMDLs) for which the District has been named a stakeholder, and a general discussion of planned TMDL actions.

2.0 DISTRICT PERSONNEL AND RESPONSIBILITIES

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the Districts. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., notice of construction).

District Water Quality Program Manager

The District Water Quality Program Manager (Manager) is the Office Chief of the Office of Water Quality and Mitigation. He supervises the Stormwater Coordination Branch, the Water Pollution Control Branch, the Water Quality Permits Branch, and the Erosion Control Branch. The Manager is in charge of all stormwater activities in the District. The Manager is accountable for establishing an effective water quality/stormwater program and maintaining a liaison with Headquarters and District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of stormwater activities. The Manager provides support, direction, and guidance to the District NPDES Stormwater Coordinator (DNC).

The responsibilities of the Manager are as follows:

- Direct District operations regarding water quality and stormwater.
- 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 water quality and stormwater management.
- Work as the primary liaison on water quality and waste discharge issues between the District and Headquarters, the SWRCB, the RWQCBs, U.S. Environmental Protection Agency, and other agencies.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding stormwater issues.
- Develop and establish District Public Education Program.

District Stormwater Coordinator

The District NPDES Stormwater Coordinator (DNC) is the Branch Chief of the Stormwater Coordination Branch. Under the general direction of the Manager, the DNC is responsible for developing District stormwater quality policies and guidance, and daily management of the District Stormwater Program. The DNC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect the District. The DNC supervises staff, which supports and executes activities of the DNC and the Stormwater Program. The specific stormwater tasks for which the DNC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Program.
- Oversee activities related to notification procedures for reuse of soil-containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).

- Serve as the primary contact in the District for the interpretation and implementation of the NPDES Permit and as the focal point on stormwater management issues between the District and Headquarters, the SWRCB, the RWQCBs, other Municipal Separate Storm Sewer System (MS4) permittees, and other agencies.
- Provide guidance on preparing Stormwater Data Reports (SWDRs) and Water Quality Study Reports (WQSRs) as well as review and approve SWDRs and WQSRs.
- Ensure accuracy and adequacy of the stormwater workload allocations for each fiscal year and coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating stormwater resources, activities, and operations.
- Implement a quality assurance and quality control (QA/QC) program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, the SWMP, and the DWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on stormwater and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as leader and chairperson of the District Stormwater Management Committee (SWMC) as well as represent the District at the Stormwater Advisory Teams (SWATs) identified in the SWMP and various Public Education activities within the District.
- Monitor and evaluate the stormwater activities and procedures of municipalities, developers, and other agencies that encroach upon or administer projects within Caltrans' Right-of-Way.
- Establish impartial and equitable decisions that benefit Caltrans in attaining the objectives of the Stormwater Program.
- Determine and evaluate stormwater impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Prepare or provide aid and recommendation in the preparation of the contract Plans, Specifications, and Estimates (PS&E) for inclusion of permanent control and treatment measures to improve or minimize water quality impacts.
- Propose, develop, and manage stormwater-monitoring programs, in coordination with the Headquarters Environmental Program.
- Prepare and submit DWP and Annual Reports.
- Assist in development of training programs.
- Provide Storm Water Quality language to be included in the Project Report.

Water Pollution Control Coordinator

The Water Pollution Control Coordinator (WPCC) is the Branch Chief of the Water Pollution Control Branch. The WPCC is responsible for working closely with the DNC and the Erosion Control Coordinator (ECC) to incorporate water pollution control recommendations into the planning, design, and construction of all projects in the District.

The specific stormwater tasks for which the WPCC Coordinator is responsible include the following:

- Determine and evaluate stormwater impacts during CEQA/NEPA screening.
- Provide guidance in determination and evaluation of temporary impacts of construction activities upon stormwater during construction.
- Identify costs related to water pollution control, non-stormwater discharges, waste management, and de-watering activities on programming documents.
- Provides technical support for geotechnical and de-watering activities - including de-watering cost estimates.
- Develop new specifications, details, and guidance materials related to non-stormwater discharges and waste management.
- Prepare and/or review the contract PS&E to address temporary controls for non-stormwater discharges and waste management activities as well as development of Stormwater Pollution Prevention Plans (SWPPPs).
- Assist the District Encroachment Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Participate in the Design SWAT identified in the SWMP.
- Develops and prepares contract documents related to water pollution control, storm water pollution prevention plans, non-storm water discharges, de-watering, and waste management. Language developed is included in the Project's Contract Special Provisions.
- Provides Water Quality language to be included in the Project Report.

The Water Quality Permits (WQP) Coordinator is the Branch Chief for the Water Quality Permits Branch. The WQP Coordinator is responsible for providing technical assistance to guide staff in resolving water quality permitting issues and concerns related to project development design, construction and maintenance with respect to Caltrans compliance with the statewide National Pollution Discharge Elimination System (NPDES) permit and project-specific permits from the Regional Water Quality Control Board(s) and/or other resource agencies. The WQP Coordinator provides functional unit support to Project Managers, Project Engineers and other District and HQ functional units and Divisions for all phases of project activities, by providing support in obtaining project-specific permits from the RWQCB(s), and assisting with responding to enforcement actions from the RWQCBs.

The specific stormwater tasks for which the WQP Coordinator is responsible include but are not limited to the following:

- Prepares and coordinates Clean Water Act (CWA) Section 401 Water Quality Certification and/or Waste Discharge Requirements (WDRs). Oversees the permit application process for securing the 401 Water Quality Certification, Waste Discharge Requirements and NPDES Permits from the Regional Water Quality Control Board (RWQCB) for all roadway projects.
- Acts as the primary contact for the interpretation and implementation of Caltrans' Statewide NPDES Permit.

- Acts as the focal contact to the RWQCB for any permitting requirements for impacts to Waters of the U.S. and/or Waters of the State due to District 4 construction activities.
- Provides the RWQCB with Notification of Construction (NOC) for the start of all District 4 SWPPP Projects and provides Notification of Completion of Construction (NOCC) for all NPDES Permit Projects.
- Coordinates with Caltrans' Statewide Water Quality Program members including Maintenance, Construction, Encroachment Permits, Hydraulics, Environmental Engineering, Geotechnical Engineering, and Right-of-Way.
- Maintains a public education outreach effort.
- Provides Water Quality Permit language to be included in the Project Report.
- Authors an Annual Report that monitors the activities of District 4, to ensure that the conditions of the Storm Water Permit are met.
- Authors the DWP annually to address future District goals and commitments in compliance with Caltrans' SWMP.

Erosion Control Coordinator

The Erosion Control and Mitigation Branch facilitates the incorporation of erosion and sediment control recommendations into the planning, design, and construction of all projects in the District. The Erosion Control and Mitigation Branch Chief is the Erosion Control Coordinator (ECC) and responsible for working closely with the WPCC and the DNC to incorporate erosion control recommendations into the planning, design, and construction of all projects in the District. The ECC also provides field support to Construction, Maintenance, and Permits when requested. The specific stormwater tasks for which the ECC is responsible include the following:

- Determine and evaluate of stormwater impacts during CEQA/NEPA screening.
- Evaluate and recommend the vegetation for the permanent control and treatment control measures for addressing project stormwater impacts.
- Identify costs related to water pollution and erosion control on programming documents.
- Develop new specifications, details, and guidance materials related to erosion and sediment control.
- Prepare and/or review the contract PS&E for inclusion of permanent and/or temporary erosion and sediment 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 Encroachment Permits Branch in evaluating erosion control 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 Erosion Control staff.
- Participate in the Design SWAT identified in the SWMP.

- Provides Erosion Control language to be included in the Water Quality section of the Project Report.

The ECC acts as the liaison 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 ECC 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 Construction Stormwater Coordinator

Under the general direction of the Division of Construction (Construction), the Construction Stormwater Coordinator (CSWC) is responsible for developing stormwater quality policies and guidance, and daily management of Construction's stormwater quality program. The CSWC is responsible for the proper implementation of the SWMP and the DWP within Construction. The 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 stormwater issues during the construction phase.
- Develop and administer stormwater training for Construction staff.
- Track critical compliance milestones that occur before and during the course of construction.
- Conduct final project closeout inspections. The CSWC submits final project closeout inspection results to the WQPC which provides RWQCBs with NOCC for SWPPP projects.
- Submit approved SWPPPs or other reports to the RWQCBs as requested.
- Review SWPPPs and provide oversight inspections for SWPPP projects.
- Prepare and submit Illicit Connection/Discharge Reports for Construction.
- Participate on the Construction SWAT identified in the SWMP and represent Construction in the SWMC Meetings.
- Provide input to the Annual Report.
- Provides WQPC with Final SWPPP Close-Out report for NOCC documentation.

The CSWC ensures that all enforcement actions or corrections requested by the RWQCBs 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 District Division Chiefs of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and the DWP. The

Maintenance Coordinator reports all stormwater related maintenance activities to the SWMC. The specific stormwater tasks for which the Maintenance Coordinator is responsible include:

- Oversee maintenance activities to ensure compliance with the Permit and the SWMP.
- Review, monitor, and evaluate BMP implementation and effectiveness for Maintenance activities.
- Coordinate stormwater training for District Maintenance staff.
- Oversee Vegetation Control Plan (VCP) compliance and prepare VCP.
- Conduct Facility Pollution Prevention Plan (FPPP) inspections and prepare FPPP.
- Participate on the Maintenance SWAT identified in the SWMP and represent Maintenance in the SWMC Meetings.
- Review SWDRs and other project reports for SWPPP projects to ensure compliance with Maintenance requirement as well as ensure maintainability of stormwater control measures upon completion of construction.
- Serve as the primary contact for Maintenance related activities with regulatory agencies.
- Provide input to the Annual Report.

The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the DWP, 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 (especially the Maintenance SWAT identified in the SWMP).

Right-of-Way Representative

The Right-of-Way (ROW) Representative is a member of the SWMC and is responsible for the following:

- Attend all SWMC meetings and report any ROW stormwater activities.
- Ensure that stormwater training is available to ROW Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include stormwater inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed stormwater property inspections for use in the Annual Reports.
- Disseminate information and answer questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notify the SWMC and/or the DNC of discharges or situations that appear to be in gross violation of the Permit, the SWMP, and the DWP.
- Report instances where ROW may conduct construction activities that require the development of a SWPPP and related notification.
- Provide ROW information for Water Quality Permits applications.

Engineering Services Coordinator

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

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 DWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensures publication of stormwater articles within District publications (e.g., newsletters)
- Provides incident information for Spill Reports, Water Quality Permit applications, and other reports/notifications submitted to various agencies.
- Distributes the District Stormwater Pamphlets.
- Develops and distributes Public Service Announcements regarding stormwater.
- Ensures that stormwater information is available at miscellaneous events, such as County fairs and Fleet Week, for which Caltrans might be a participant.

Encroachment Permits Coordinator

The Encroachment Permits Coordinator, a member of the SWMC, is responsible for ensuring that the District Office of Permits complies with the Permit, the SWMP, and the DWP. The Office of Permits is responsible for issuing Encroachment Permits to local agencies, utility companies, and others (i.e., film production companies, marathon sponsors, etc) that encroach into Caltrans' ROW for conducting construction, maintenance, or other activities necessary for their organization. The Encroachment Permits Coordinator ensures that all the activities by those permittees encroaching into Caltrans' ROW comply with the Project's Encroachment Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design. The Encroachment Permit Branch also reviews the Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Plan (WPCP) for encroachment permit projects.

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

Table 2-1: District 4 District Stormwater Personnel

Staff Name	Title	Phone No.	E-mail
Hardeep S. Takhar	District Water Quality Program Manager	(510) 286-7182	Hardeep_S_Takhar@dot.ca.gov
Norman Gonsalves	District NPDES Stormwater Coordinator	(510) 286-5930	Norman_Gonsalves@dot.ca.gov
Kamran Nakhjiri	Water Pollution Control Coordinator	(510) 286-5664	Kamran_Nakhjiri@dot.ca.gov
Cyrus Vafai (acting)	Water Quality Permits Coordinator	(510) 286-5585	Cyrus_Vafai@dot.ca.gov
David Yam	Erosion Control Coordinator	(510) 286-5662	David_Yam@dot.ca.gov
Dragomir Bogdanic	District Construction Stormwater Coordinator	(510) 622-0716	Dragomir_Bogdanic@dot.ca.gov
Robert Sorenson	Maintenance Coordinator	(510) 286-5215	Robert_Sorenson@dot.ca.gov
Nancy Bocanegra	Right-of-Way Representative	(510) 286-5420	Nancy_Bocanegra@dot.ca.gov
Sharon Patch	Hydraulics Coordinator	(510) 286-4862	Sharon_Patch@dot.ca.gov
Lauren Wonder	Public Affairs Coordinator	(510) 286-6120	Lauren_Wonder@dot.ca.gov
Bahram Iranpour	Encroachment Permits Coordinator	(510) 286-4725	Bahram_Iranpour@dot.ca.gov

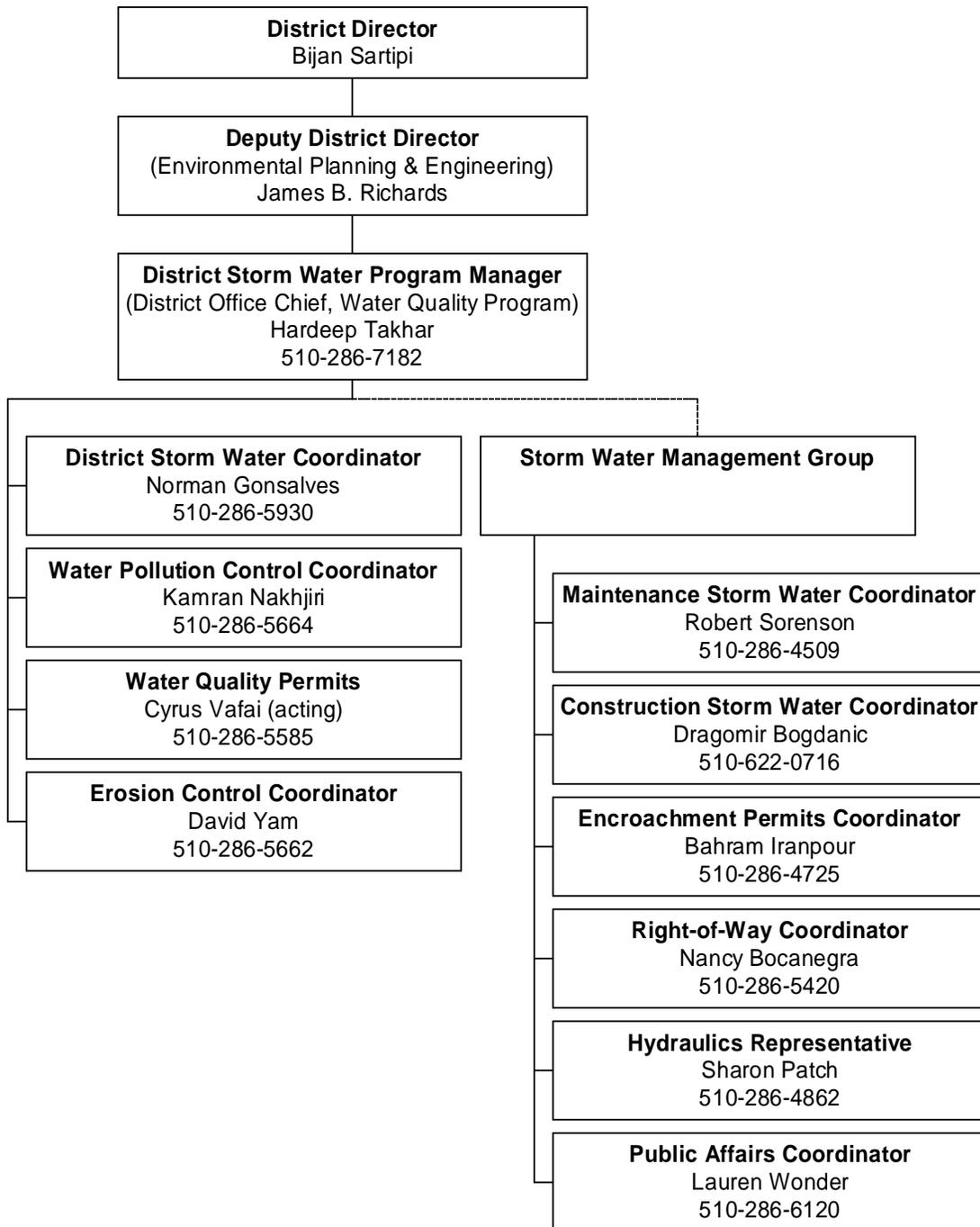
Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCBs. These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater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

Table 2-2: District 4 Signatory Authority for Key Documents

Position or Individual	Documents Authorized for Signatures
District Director	All District Documents
District Water Quality Program Manager	All District Documents except District Work Plan (DWP)
District NPDES Stormwater Coordinator	All District Documents except District Work Plan (DWP)
Water Quality Permits Coordinator	District Water Quality Permit Documents, District Annual Report, District Work Plan, Notice of Construction (NOC) and Notice of Completion of Construction (NOCC).
District Construction Stormwater Coordinator	SWPPPs, Notice of Construction (NOC), Notice of Construction Completion (NOCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Stormwater Coordinators, Managers, Office Chief, and Hazardous Materials Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Encroachment Permits Coordinator	SWPPPs, NOC/NOCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Water Pollution Control Coordinator/Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NOCC
Right-of-Way Representative	SWPPPs, NOC/NOCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of Illicit Connection/Discharge
Facility Supervisor	Facility Pollution Prevention Plans (FPPPs)

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

Figure 2-1: District 4 Organizational Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

Section 3 of the DWP identifies maintenance stations (including identification of crew function and street address), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, and toll road and bridge plazas. In addition, this section contains a map depicting the roadways, significant water bodies, and RWQCB watersheds (Hydrologic Unit, H.U., Boundaries). Please see Table 3-1 below for a complete listing of all District 4 Maintenance Facilities. Figure 3-1 only depicts a portion of the Maintenance Facilities located within District 4.

Table 3-1: District 4 Maintenance Facilities

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
Maintenance Stations					
ALA	24	1.9	2	Telegraph	Landscape Maintenance - 3605 Telegraph Ave., Oakland, CA. 94609-2426
ALA	24	3.0	2	55th Street	Satellite Yard, Telegraph Ave. and 55th St. Oakland, CA. 94609-2426
ALA	24	5.7	2	Caldecott Tunnel	Special Crews, West Portal and Caldecott, Oakland CA. 94618
ALA	80	1.8	2	Ettie Street	Satellite Yard, Bay Bridge Toll Plaza Oakland, CA. 94609-2426
ALA	80	2.0	2	Toll Bridge Region (East Bay Paint)	Special Crews, SFOBB Toll Plaza Oakland CA. 94618
ALA	84	3.2	2	Dumbarton Bridge Toll Plaza	Highway Maintenance, 9825 Thornton Ave. Fremont, 94560
ALA	84	10.4	2	Fremont	Highway Maintenance, 377 Mowry Ave. Fremont, CA 94536
ALA	92	2.6	2	San Mateo/Hayward Bridge	Special Crews, 9825 Thornton Ave. Fremont 5500 West Jackson, Hayward 94545-3616
ALA	260	1.3	2	Tunnel & Tubs	Special Crews, Hwy. 260 P.M. 1.3 Alameda, 94501
ALA	260	2.0	2	Webster/Posey Tubes	Special Crews, 415 Harrison Street, Oakland, 94607-4118
ALA	580	13.1	2	Livermore	Highway Maintenance, 6153 South Front Road, Livermore 94550
ALA	580	28.9	2	Castro Valley (Closing by 07/01/2009)	Specialty Maintenance-Overhead Signs, Pavement Legions 21195 Center Street, Castro Valley 94550
ALA	580	35.7	2	106th Ave.	Special Crews, Electrical 10500 Foothill Blvd., Oakland 94605
ALA	580	38.9	2	Seminary	Landscape Maintenance, 6220 Seminary Ave., Oakland 94605-1852
ALA	580	41.6	2	14th. Avenue (Closed - Storage Only)	Special Crews, MacArthur Blvd. & Beaumont Ave. Oakland 94602
ALA	580	44.5	2	Kempton (Closed – Storage Only)	Special Crews, Kempton Way & Fairmont Ave. Oakland 94611

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
ALA	880	20.2	2	East Bay Specialty Region Office (Hesperian Yard)	Special Crews- Signs/Striping/Raise Pavement Markers 15525 Hesperian Blvd San Leandro CA 94579
ALA	880	20.5	2	East Bay Region Office	Highway & Landscape Maintenance 600 Lewelling Blvd. San Leandro 94579
ALA	880	22.8	2	Shop 04	Equipment & Automotives Shop 1933 Marina Blvd., San Leandro 94577
ALA	880	28.7	2	Oakland Specialty (Closing by 7/01/2009)	Special Crews, Electrical/Signs Central/Buttons, District Wide Striping, & Raise Pavement Markers - 1112 29th Avenue Oakland CA 94608
ALA	980	1.25	2	04 District Office	111 Grand Ave. Oakland 94608
CC	4	1.0	2	Hercules	Landscape & Highway Maintenance, 1369 Willow Road, Hercules 94547
CC	4	12.3	2	Pacheco (Storage - Training)	Highway Maintenance Training Equipment Center, Blum Road Martinez 94553
CC	4	28.9	5	Antioch	Highway Maintenance - Landscape 2817 Windsor Drive, Antioch, CA 94509-5054
CC	160	0.7	5	Antioch Bridge	Toll Plaza - Bridgehead Road Antioch CA 94509
CC	580	6.1	2	Richmond / San Rafael Bridge	Special Crews, Maintenance Toll Plaza, Richmond 94801
CC	680	0.1	2	Scott Creek Road (Closed – used by Construction)	Satellite, Fremont 94596
CC	680	0.2	2	Acosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	680	6.7	2	Sycamore Valley Road	Landscape Maintenance, 815 Camino Ramon Danville CA 94526
CC	680	15.8	2	Walnut Creek West	Landscape Maintenance, 2581 North Main Street, Walnut Creek 94596
CC	680	15.9	2	Delta Region Office Walnut Creek East	Highway Maintenance- Region Office - 2616 North Main Street Walnut Creek 94596-2713
MRN	001	0.1	2	Manzanita	Highway Maintenance - 40 Shoreline Hwy, Mill Valley 94941
MRN	001	28.2	2	Point Reyes	Highway Maintenance - 10795 Hwy. 001 Point Reyes CA 94956
MRN	580	2.6	2	San Rafael Paint	Special Crews, West End of Bridge, Hwy 580 & Main St., San Quentin 94939
NAPA	29	12.1	2	Napa	Highway & Landscape Maintenance 3161 Jefferson St. Napa 94558
NAPA	29	37.4	2	Calistoga	Highway Maintenance - 1413 Tubbs Lane, Calistoga 94515
NAPA	29	43.6	2	Mount Saint Helena (Storage Only)	Sand Shed (Old Maintenance Yard) on right side going N/B 29

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
SCL	17	7.1	2	Los Gatos (Closed)	Satellite, Hwy 17 PM 7.1 Los Gatos CA 95032
SCL	82	0.0	2	South San Jose Bernal Yard	Highway Maintenance - 6010 Monterey Rd. San Jose 95138
SCL	82	0.3	2	South San Jose (Closed)	Highway Maintenance – 45736 Monterey Rd. San Jose 95112
SCL	85	17.5	2	Cupertino	Highway & Landscape Maintenance, 10130 Bubb Road -Cupertino CA 95014
SCL	101	10.3	3	Gilroy	11155 No Name Uno Ave Gilroy CA 95020
SCL	101	49.0	2	Middlefield Road	Specialty - Ground Mount Signs- Old Middlefield Road, Mountain View 94043
SCL	280	18.4	2	Page Mill Road (Closed-used by Construction)	Construction Office- 2350 Old Page Mill Road, Los Altos 94022
SCL	680	7.5	2	Milpitas	Landscape Maintenance, 115 Dempsey Road, Milpitas 95035
SCL	880	0.1	2	Scott Creek	Satellite - Daniel Way, San Jose 95128
SCL	880	4.3	2	South West Bay Region Office (San Jose)	Highway & Landscaping Maintenance - 500 Queens Lane San Jose 95112
SF	80	5.4	2	West Bay Paint	Bridge Region - Structure Paint 434 Main Street San Francisco CA 94103
SF	80	5.5	2	Sterling Sub Station	Special Crews: Bridge Region - Hwy 80 PM 5.5 San Francisco 94103
SF	80	7.7	2	Yerba Buena Island	Special Crews: Bridge Region - Hwy 80 PM 7.7 San Francisco 94103
SF	280	4.1	2	San Francisco Specialty Region Office	Specialty Region Office- Electrical 30 Rickard Street, San Francisco 94134
SF	280	3.6	2	San Francisco	Highway & Landscaping Maintenance- 120 Rickard Street, San Francisco 94134
SM	1	26.9	2	Half Moon Bay	Highway Maintenance - 2003 Cabrillo Hwy. Half Moon Bay, 94019
SM	35	10.0	2	Skylonda (Closed – Storage Only)	Satellite- Just South of Jct. 84- 17200 Skyline Blvd. Woodside 94062
SM	84	3.2	2	Dumbarton Bridge	Toll Plaza / Maint / Elect 9825 Thornton Ave – Fremont, CA 94545
SM	92	2.6	2	San Mateo/ Hayward Bridge	Bridge West Paint Yard 9825 Thornton Ave. Fremont/ 5500 West Jackson, Hayward 94545-3616
SM	92	13.6	2	Southwest Bay Region (West) Office	Highway & Landscaping Maintenance 380 Foster City Blvd., Foster City 94404
SM	92	14.5	2	San Mateo/ Hayward Paint	Structure Paint-West End of Bridge, Pier #1 San Mateo Bridge, Foster City 94404
SM	101	4.6	2	Redwood City	Landscape Maintenance 2501 East Bay- shore Blvd. Redwood City 94063

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
SM	101	22.0	2	South San Francisco Yard (Closed)	Construction Yard / 296 Airport Boulevard / So. San Francisco CA 94080
SM	280	4.6	2	Woodside	Highway Maintenance - 5055 Farnhill Blvd., Woodside 94062
SM	280	17.9	2	Millbrae	Landscape Maintenance - Sawyer Camp Trail & Hillcrest Blvd., Millbrae 94030
SM	280	22.7	2	Westborough (Closed)	Special Crews: Junipero Sierra & Westborough Blvd., Daly City 94014
SOL	12	26.0	5	Rio Vista	480 Highway 12 - Rio Vista CA 94571
SOL	37	9.8	2	Vallejo	Highway Maintenance 1700 Sears Point Rd. City of Vallejo 94590
SOL	80	0.7	2	Carquinez Bridge	Bridge Maintenance - Carquinez Bridge Toll Plaza, City of Vallejo
SOL	80	17.2	2	Fairfield	Highway & Landscaping Maintenance / 2019 West Texas Street Fairfield CA 94130
SOL	80	39.8	5	Dixon	Highway Maintenance - 8626 Sparling Lane Dixon CA 94616
SOL	680	R1.8	2	Tri Bridge Yard	Structure Painting Crew 100 Industrial Way, Benicia 94510
SOL	780	1.9	2	Benicia Electrical	Specialty Electrical Yard 1700 E. 2nd. Street, Benicia 94510
SON	001	12.1	1	Bodega Bay (Closed)	Highway Maintenance - 2030 Hwy. 001 Bodega Bay CA 94923
SON	001	35.3	1	Fort Ross	Highway Maintenance - 21265 Coast Highway Jenner CA 95450
SON	12	9.9	1	Sebastopol	Highway Maintenance - 5611 Sebastopol Road Sebastopol CA 95472
SON	101	43.00	1	Geyserville	Highway Maintenance 21979 Geyserville Avenue Geyserville Ca. 95441
SON	101	20.60	1	Santa Rosa	Landscape - 224 Lincoln Street Santa Rosa Ca. 95401
SON	101	3.2	2	North Bay Region Office	Highway / Landscape Maintenance 611 Payran Street - Petaluma CA 94952
SON	101	3.0	2	South Petaluma	Signs /Elect 1485 South Petaluma Blvd - Petaluma CA 94952
SON	116	46.8	2	Schellville Closed – Storage Only)	101 Bonnrud Road - Sonoma CA 95476
Vista Points					
CC	80	10.7	2	Carquinez Strait	E/B Willow Ave U/C
NAPA	29	6.1	2	Grape Crusher	N/B 29 -Frontage Rd. "Grape Crusher"
SCL	35	14.0	2	Saratoga Gap	Jct. 35 & 009 Saratoga Gap
SON	37	6.0	2	Bird Observation Deck	W/E/B 37 Bird Observation Decks
SOL	37	0.1	2	Bird Observation Deck	E/B 37 Bird Observation Decks

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
SOL	80	0.5	2	Carquinez Strait	E/B Frontage Road
SOL	80	6.7	2	Hunter Hill	W/B 80 Hunter Hill R.A and V.P
SOL	680	0.7	2	Benicia Br	Benicia Br. Toll Plaza Frontage Rd.
SOL	680	2.9	2	Lake Herman	2.9 S/B Off Ramp to Lake Herman
SM	35	4.5	2	Bird Observation Deck	4.5 N/B Side
SM	35	14.5	2	Bird Observation Deck	Skeggs Point - N/B Side
SM	35	22.9	2	Half Moon Bay	35 & 92 (Half Moon Bay Rd.)
SM	280	7.5	2		N/B Off to Vista Point
SM	280	9.5	2	Pulgas Ridge	S/B Off to Pulgas Ridge Vista Point
Commercial Vehicle Enforcement Facilities					
ALA	580	8.8	2	Livermore Platform Scale	E/B I-580 East of Livermore
ALA	580	8.9	2	Livermore Platform Scale	W/B I-580 East of Livermore
ALA	680	8.6	2	Mission Grade	N/B I-680 North of Fremont
ALA	880	4.0	2	Nimitz	N/B I-880 in Fremont
CC	680	16.1	2	Walnut Creek	N/B I-680 in Walnut Creek
CC	680	16.7	2	Walnut Creek	S/B I-680 in Walnut Creek
SCL	101	12.2	2	Gilroy	S/B US 101 in Gilroy
SCL	101	9.0	2	Gilroy	N/B US 101 in Gilroy
SOL	80	14.3	2	Cordelia	E/B I-80 West of Fairfield
SOL	80	14.1	2	Cordelia	W/B I-80 West of Fairfield
Roadside Rest Areas					
SOL	80	6.7	2	Hunter Hill	7 miles East of Vallejo
MRN	101	0.5	2	H. Dana Bower	North end of Golden Gate Bridge
SM	280	13.4	2	Crystal Springs	Near San Francisco Reservoir
Park and Ride Facilities					
ALA	84	4.1	2	Fremont	Ardenwood - N.W. quad. of Rte. 84/Ardenwood Blvd.
ALA	580	13.2	2	Livermore	Livermore - Portola near Alviso Place, (1/2 mi from I-580)
ALA	580	29.2	2	Castro Valley	Center Street - E. of Center St. at I-580
ALA	580	30.7	2	Castro Valley	John Drive - N. side of Foothill Blvd. at John Dr. (near I-580)
ALA	580	41.4	2	Oakland	580/Fruitvale - Under I-580 between Fruitvale/Champion St.
ALA	680	6.4	2	Fremont	680/Mission Blvd - S.E. quad. of Rte. 238 (Mission Blvd.)/I-680
ALA	880	32.2	2	Oakland	7th & Linden - Under I-880 at 7th St./Linden St.
CC	4	11.1	2	Martinez	Pacheco - Pacheco Blvd. at Blum Rd., north of Rte. 4
CC	24	1.2	2	Orinda	Gateway - S. side of Rte. 24/Gateway Blvd.
CC	80	6.0	2	Richmond	Hilltop - N.E. quad. of I-80/Hilltop Dr.
CC	80	6.6	2	Hercules	Willow - N.E. & S.W. quads. I-80/Willow Ave.
CC	242	0.9	2	Concord	Concord - near Rte 242, S. of Willow Pass Rd., W. of Market St.

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
CC	680	3.0	2	San Ramon	Bollinger - S.W. quad. I-680/Bollinger Canyon. Rd.
CC	680	12.6	2	Walnut Creek	Rudgear - S.E. quad. I-680/Rudgear Rd.
MRN	37	13.8	2	Novato	Black Point - N. of Rte. 37 at Atherton Ave.
MRN	101	1.5	2	Sausalito	Spencer - E. & W. of Rte. 101 at Spencer Ave.
MRN	101	4.1	2	Marin City	Manzanita - W. of 101 at Jct. Rte. 1
MRN	101	4.8	2	Mill Valley	Seminary - W. & E. of Rte. 101 at Seminary Ave.
MRN	101	10.8	2	San Rafael	Hetheron 1 of 4 - Under Rte. 101 between 3rd St. & 4th St.
MRN	101	10.8	2	San Rafael	Hetheron 2 of 4 - Under Rte. 101 between 4th St. & 5th St.
MRN	101	11.2	2	San Rafael	Hetheron 3 of 4 - Under Rte. 101 between 5th St. & Mission Ave.
MRN	101	12.2	2	San Rafael	Mission Ave. 4 of 4 - Under Rte. 101, between Hetheron & Irwin at Mission Ave.
MRN	101	14.7	2	San Rafael	Lincoln - N.W. quad. Lincoln Ave./Rte. 101
MRN	101	16.6	2	San Rafael	Smith Ranch - S.E. quad. Smith Ranch Rd./Rte. 101
MRN	101	16.6	2	Novato	Alameda del Prado - N.W. of Rte. 101/Alameda del Prado O/C
MRN	101	20.2	2	Novato	Rowland Blvd. - N.E. & S.E. quads. of Rte. 101/Rowland Blvd.
MRN	101	22.0	2	Novato	Atherton/101 - N.E. & S.E. quads. of Rte. 101/Atherton Ave.
NAP	29	10.3	2	Napa	Imola - S.W. of Rte. 29/Imola Ave.
SCL	280	18.4	2	Los Altos Hills	Page Mill - S. of I-280/Page Mill Rd.
SM	1	41.0	2	Pacifica	Linda Mar - N.E. quad of Rte 1/Linda Mar Blvd.
SM	1	41.2	2	Pacifica	Crespi - S.E. quad. of Rte. 1/Crespi Dr.
SM	92	7.9	2	Belmont	Ralston - S.E. quad. of Rte. 92/Ralston Ave.
SM	101	11.9	2	San Mateo	101/92 - Under Rte. 101/92 Interchange
SM	101	13.5	2	San Mateo	3rd Ave - N.E. quad. Rte. 101/3rd Ave.
SM	280	3.3	2	Woodside	Woodside - S.W. quad. I-280/Woodside Rd.
SM	280	6.7	2	San Carlos	Edgewood - N.E. quad. I-280/Edgewood Rd.
SM	280	14.2	2	Hillsborough	Hayne Road - N.W. quad. I-280/Hayne Rd.
SOL	80	1.8	2	Vallejo	Magazine Street - I-80 at Magazine St. Interchange

County	Route	Post Mile	Regional Water Quality Control Board	Maintenance Facility Name	Comments
SOL	80	2.2	2	Vallejo	Lemon Street - I-80 at Curtola Parkway & Lemon St.
SOL	80	2.6	2	Vallejo	Benicia Road - I-80 at Benicia Rd.
SOL	80	12.8	2	Fairfield	Green Valley Road - I-80 at Green Valley Rd.
SOL	80	25.2	5	Vacaville	Mason Street - I-80 at N.W. corner of Peabody Rd & Cliffside Dr.
SOL	780	2.0	2	Benicia	East 2nd Street - I-780 at East 2nd St.
SON	12	16.3	1	Santa Rosa	Brookwood - Under Rte. 12, North of Sonoma Co. Fairgrounds
SON	101	2.9	2	Petaluma	South Petaluma Blvd. - S.E. quad. of Rte. 101/South Petaluma Blvd.
SON	101	3.6	2	Petaluma	Lakeville Hwy. - W. side of Rte. 101 at Rte. 116
SON	101	12.7	1	Cotati	Cotati - S.E. of Rte. 101/116 Jct. at St. Joseph Way
SON	101	13.8	1	Rohnert Park	Rohnert Park - S.W. quad. of Rte. 101/Rohnert Park Expwy
SON	121	6.7	1	Schellville	Schellville - In "Y" Jct. of Rte. 121/116
Park and Ride Lots Operated by Other Agencies on State Right-of-Way					
CC	80	6.6	2	Richmond	Richmond Transit Center - Richmond Parkway at I-80
SOL	12	4.7	2	Suisun City	Main Street - Main Street at Route 12
Toll Road and Bridge Plazas					
ALA	80	2.0	2	San Francisco Bay Oakland Bay Bridge Toll Bridge Region	SFOBB Toll Plaza Oakland CA. 94618
ALA	84	3.2	2	Dumbarton Bridge Toll Plaza	Highway Maintenance, 9825 Thornton Ave. Fremont, 94560
ALA	92	2.6	2	San Mateo/Hayward Bridge Toll Plaza	Special Crews, 9825 Thornton Ave. Fremont 5500 West Jackson, Hayward 94545-3616
CC	160	0.7	5	Antioch Bridge	Toll Plaza - Bridgehead Road Antioch CA 94509
CC	580	6.1	2	Richmond & San Rafael Bridge	Special Crews, Maintenance Toll Plaza, Richmond 94801

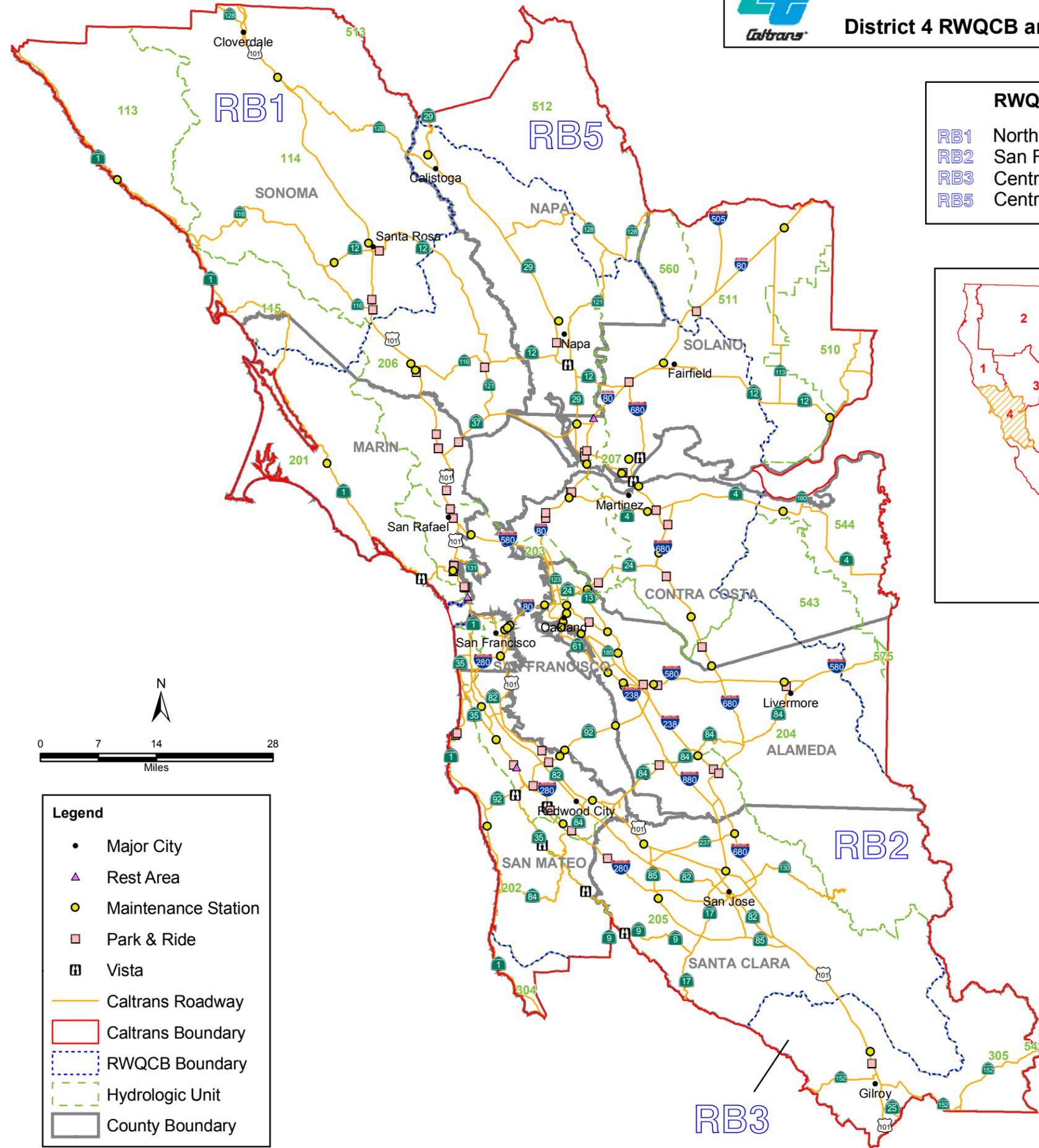
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Maintenance Station Addresses

Co-Rte-PM	Name	Street Address	City and Zip Code
North Coast Regional Board (Region 1)			
SON-135.3	Fort Ross	21265 Coast Highway	Jenner 95450
SON-12-9.9	Sebastopol	5611 Sebastopol Road	Sebastopol 95472
SON-101-20.6	Santa Rosa	224 Lincoln Street	Santa Rosa 95401
SON-101-43.0	Geyserville	21979 Geyserville Avenue	Geyserville 95441
San Francisco Bay Regional Board (Region 2)			
MRN-10.1	Manzanita	40 Shoreline Hwy	Mill Valley 94941
SM-126.9	Half Moon Bay	2003 Cabrillo Hwy	Half Moon Bay 94019
MRN-128.2	Point Reyes	10795 Hwy 1	Point Reyes 94956
CC-4-10	Hercules	1369 Willow Road	Hercules 94547
CC-4-12.4	Pacheco	Blum Road	Martinez 94553
ALA-24-19	Telegraph	3605 Telegraph	Oakland 94609
ALA-24-5.7	Caldecott Tunnel	West Portal and Caldecott	Oakland 94618
NAP-29-12.1	Napa	3161 Jefferson Street	Napa 94558
NAP-29-37.4	Calistoga	1413 Tubbs Lane	Calistoga 94515
SOL-37-9.8	Vallejo	1700 Sears Point Road	Vallejo 94590
SOL-80-0.7	Carquinez/Benicia/Antioch Bridges	Carquinez Toll Plaza	Vallejo 94525
ALA-80-2.0	Toll Bridge Region (East Bay Point)	San Francisco/Oakland Bridge Toll Plaza	Oakland 94609
SF-80-5.4	West Bay Point	434 Main Street	San Francisco 94105
SF-80-5.5	Sterling Sub Station	Hwy 80 PM 5.5	San Francisco 94103
SF-80-7.7	Yerba Buena Island	Hwy 80 PM 7.7	San Francisco 94130
SOL-80-17.2	Fairfield	2019 West Texas Street	Fairfield 94533
ALA-84-3.2	Dumbarton Bridge Toll Plaza	9825 Thornton Avenue	Fremont 94560
ALA-84-10.2	Fremont	245 Mowry Avenue	Fremont 94536
SCL-85-17.5	Cupertino	10130 Bubbs Road	Cupertino 95014
ALA-92-2.6	San Mateo / Hayward Toll Bg	5500 W. Jackson	Hayward 94545
SM-92-13.6	West Bay Region	380 Foster City Blvd	Foster City 94404
SM-92-14.5	San Mateo Point	Pier 1 SM - Hayward Bridge	Foster City 94404
SON-101-3.0	South Petaluma	1485 South Petaluma Blvd	Petaluma 94952
SON-101-3.2	North Bay Region (Petaluma)	611 Payran Street	Petaluma 94952
SF-1014.1	San Francisco	120 Rickard Street	San Francisco 94134
SM-1014.6	Redwood City	2501 East Bayshore Blvd	Redwood City 94063
SCL-10149.0	Middlefield Road	1770 Old Middlefield Road	Mountain View 94043
ALA-260-13	Tunnel & Tube	Hwy 260 PM 13	Alameda 94501
ALA-260-2.0	Posey & Webster Tubes	415 Harrison Street	Oakland 94607
SF-280-3.6	Specialty Region/San Fran	30 Rickard Street	San Francisco 94134
SM-280-4.6	Woodside	5055 Farmhill Blvd	Woodside 94062
SM-280-17.9	Millbrae	Sawyer Camp Trail & Hillcrest Blvd	Millbrae 94030
SM-280-22.7	Westborough	Junipero Serra and Westborough Blvd	South San Francisco 94014
MRN-580-2.6	San Rafael Point	Hwy 580 and Main Street	San Quentin 94939
CC-580-6.1	Richmond/San Rafael Bridge	Toll Plaza	Richmond 94801
ALA-580-13.1	Livermore	6153 South Front Road	Livermore 94550
ALA-580-28.9	Castro Valley	2195 Center Street	Castro Valley 94546
ALA-580-38.9	Seminary	6220 Seminary Avenue	Oakland 94605
SOL-680-R18	Tri Bridge Yard	100 Industrial Way	Benicia 94510
CC-680-0.2	Alcosta	21300 San Ramon Valley Blvd	San Ramon 94583
CC-680-6.7	Sycamore Valley Road	815 Camino Ramon	Danville 94526
SCL-680-7.5	Milpitas	115 Dempsey Road	Milpitas 95035
CC-680-15.9	Delta Region (Walnut Creek-East)	2616 N Main Street	Walnut Creek 94596
CC-680-15.8	Walnut Creek West	2581N Main Street	Walnut Creek 94596
CC-680-25.1	Benicia Bridge Special Crews	78 Mococo Road	Martinez 94553
SOL-780-19	Benicia	1700 East 2nd Street	Benicia 94510
SCL-880-4.3	South Bay Region	500 Queens Lane	San Jose 95112
ALA-880-20.5	East Bay Region/San Leandro	600 Lewelling Blvd	San Leandro 94579
ALA-880-20.5	Specialty Region/Hesperian Yard	15525 Hesperian Blvd	San Leandro 94579
ALA-880-22.8	Shop 4	1933 Marina Blvd	San Leandro 94577
ALA-880-28.7	Oakland/South Oakland	112 29th Avenue	Oakland 94608
ALA-980-13	District 4 Office	111 Grand Avenue	Oakland 94612
Central Coast Regional Board (Region 3)			
SCL-10110.3	Gilroy	1155 Noname Uno Avenue	Gilroy 95020
Central Valley Regional Board (Region 5)			
CC-4-28.9	Antioch	2817 Windsor Drive	Antioch 94509
SOL-12-26.0	Rio Vista	480 Highway 12	Rio Vista 94571
SOL-80-39.8	Dixon	8628 Sparling Lane	Dixon 95616
CC-160-28.9	Antioch	Bridgehead Road	Antioch 94509

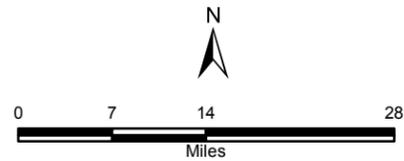
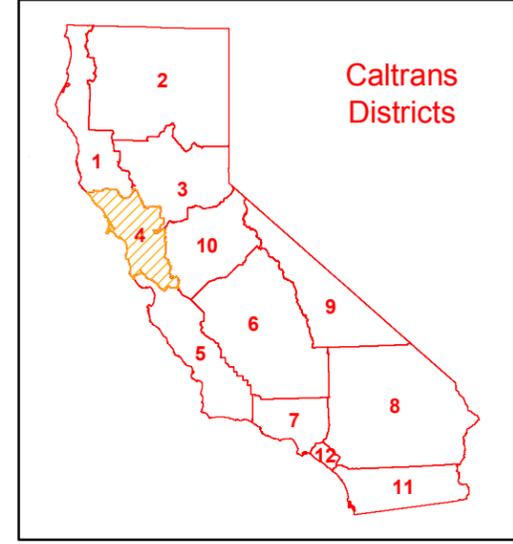


Figure 3-1
District 4 RWQCB and H.U. Boundaries



RWQCB Index

- RB1 North Coast Region
- RB2 San Francisco Bay Region
- RB3 Central Coast Region
- RB5 Central Valley Region



Legend

- Major City
- ▲ Rest Area
- Maintenance Station
- Park & Ride
- ▣ Vista
- Caltrans Roadway
- ▭ Caltrans Boundary
- ▭ RWQCB Boundary
- ▭ Hydrologic Unit
- ▭ County Boundary

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4.0 DRINKING WATER RESERVOIRS AND RECHARGE FACILITIES

Section 4 of the DWP describes and identifies locations where spills from District-owned rights-of-way, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response. A list of drinking water reservoirs and recharge facilities within District 4 is presented in Table 4-1. Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities.

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

Table 4-1: District 4 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Drinking Water Reservoir or Recharge Facility Area	Description	Comments	Water Board Region ¹
Route 128	Napa	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.	2
Route 35	San Francisco	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.	Stormwater from Route 35 currently discharges directly to the lake via a series of down-drains.	2

¹ Region 1 = North Coast; Region 2 = San Francisco Bay; Region 3 = Central Coast; and Region 5 = Central Valley Region

Road Segment/ Facility	County	Drinking Water Reservoir or Recharge Facility Area	Description	Comments	Water Board Region ¹
Route 280	San Mateo	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.	2
Route 92	San Mateo	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.	2
Route 24	Contra Costa	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.	2
Route 24	Alameda	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.	2

Road Segment/ Facility	County	Drinking Water Reservoir or Recharge Facility Area	Description	Comments	Water Board Region ¹
SR 17, PM 18.0/18.6	Santa Clara	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.	2
Routes 17 & 85	Santa Clara	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 IC in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 IC 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.	2
Route 101	Santa Clara	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Rd. 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.	3
Route 128	Napa	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deter truck traffic resulting in a reduced exposure to hazardous spills.	5

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5.0 IMPLEMENTATION

Section 5 of the DWP identifies specific project work planned for the year within the development phases of Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction. The anticipated schedule of construction and maintenance activities is subject to change. These projects are limited to those meeting any of the following criteria:

- Equal to or greater than one acre of disturbed land area, including area of a new bridge
- Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Section 4 of the DWP
- A supplemental environmental project
- Additional projects per agreement between the District and local Regional Board

Projects are presented in a manner that identifies the following, if applicable:

- Location (county, route and post mile limits)
- Project number (Expense Authorization)
- Basic Project Description
- Disturbed land area
- Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies
- Drinking Water Reservoir or Ground Water Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
- Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
- Treatment control status
- Dredge and fill (CWA-401) activities within the project

Updated lists of projects meeting these criteria will also be provided to the RWQCB semi-annually on October 1st. Furthermore, this section identifies planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the CWA. Information associated with the activities includes location, affected water body, and area of disturbance. In addition, this section describes planned efforts of municipal coordination, stormwater monitoring, and public education within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, information contained in a DWP may be repeated in another DWP.

Table 5-1 lists projects that meet any of the following criteria:

- Equal to or greater than 1 acre of disturbed land area, including area of a new bridge
- Adjacent to a Drinking Water or Ground Water Recharge Facility, as described in Section 3 of the DWP
- A supplemental environmental project
- Anticipated Projects listed per Agreement between District and local Regional Board. Regional Board concerns/justification for requesting the projects tracked for stormwater compliance are provided for each such project listed.

Table 5-1 lists planned maintenance activities involving water bodies that may require action by the RWQCB under Section 401 of the Clean Water Act.

Table 5-1: District 4 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁶	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Rte.	Begin PM	End PM	Region						Co.	Rte.	Begin PM	End PM
1	0120M	ALA	80	0.99	1.68	2	SFOBB Seismic Safety Project	San Francisco Bay, Central (303d)	Y	13.1	BS, 2 D, 3	N/A	3/2/09	8/1/11	11/1/14
2	0120T	SF	80	7.83	8.2	2	Yerba Buena Island Transition Structures Contract #2	San Francisco Bay (303d)	Y	3.45	BS, 2 D, 3	N/A	1/1/10	3/1/10	11/1/14
3	01400	ALA	80	0	0	2	Site Improvement	Central SF Bay (303d)	N	9.26	C	12/31/05	12/1/09	6/1/10	1/3/12
4	0435E	SF	80	4.9	5.9	2	LANDSCAPE PROJECT	SF Bay Lower (303d)	N	1.6	E	5/1/08	12/1/08	5/1/09	12/1/09
5	0A080	CC	80	4	4.8	2	improve overall traffic operations	San Pablo Creek, Wildcat Creek	NA	13.84	C	7/23/09	4/15/10	10/15/10	10/15/11
6	0A702	SCL	237	6.9	8	2	improve traffic operations	Guadalupe River (303d), Coyote Creek (303d)	Y	3.6	C	12/1/07	12/1/09	6/1/10	6/1/11
7	0A840	CC	4	43.9	48.3	5	Install Median Buffer Zone and Upgrade Shoulders	Marsh Creek (303d), Kellogg Creek,	Y	7.78	C	8/29/08	10/1/09	3/1/10	1/1/11

² Supplemental Environmental Projects designated as "SEP."

³ Projects adjacent to Drinking Water Reservoirs or Ground Water Recharge Facilities are noted (DW) and (GW), respectively.

⁴ Water bodies with designation for 303(d) designation are noted in parentheses.

⁵ If yes, a 401 permit will be required for this project. NA = Not Available at this time.

⁶ Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations. "unk" = unknown at this time whether consideration of treatment is required

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁶	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Rte.	Begin PM	End PM	Region						Co.	Rte.	Begin PM	End PM
							Kendall Creek, Discovery Bay, Old River (303d)								
8	15113	ALA	238	14.5	16.7	2	Storm Damage Restoration	Pacific Ocean	N	1.12	E	9/30/09	6/30/10	9/30/10	3/15/11
9	15148	ALA	Rte 880 – (PM0.0-24.1), Rte 238 – (PM14.4/16.7), Rte 92 – (PM 2.6/6.4), Rte 84 – (PM 3.2/6.1)			2	Install Fiber Optic cable and TOS / RM elements	The Alameda Creek (303d), San Francisco Bay (303d)	Y	7.26	E	3/30/10	12/30/10	3/30/11	1/1/12
10	16030	ALA	84	13.3	13.4	2	Bridge Replacement	Alameda Creek (303d)	Y	2.8	C	10/1/10	1/1/12	7/1/12	7/1/13
11	16370	SF	101	8.0	9.8	2	Reconstruct and Widen Exist Doyle Drive	San Francisco Bay (303d)	Y	17	C	1/9/09	4/16/10	8/30/10	1/1/12
12	17440	ALA	84	12.1	13.3	2	safety improvements	The Alameda Creek (303d), San Francisco Bay (303d)	Y	3.71	E	6/30/06	10/1/09	12/1/09	12/1/11
13	1A521	CC / SAC	160	0.35-1.33/0.0-2.70		2	Retrofit Antioch Bridge	San Joaquin River	Y	6.5	E	7/1/09	8/1/09	6/1/10	6/1/13
14	1A620	SON	12	41.3	41.4	2	Install Signal & Realign Route 12 Approach at Junction	None	Y	1.83	BS, 2	3/21/08	10/1/09	12/1/09	6/4/10
15	1A980	SCL	101	31.0	34.9	2	Us 101 Improvements	Silver Creek,	N	3.6	C	3/1/09	7/1/09	3/16/10	6/4/12

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁶	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Rte.	Begin PM	End PM	Region						Co.	Rte.	Begin PM	End PM
							Construct one Additional Lane In SB	Coyote Creek, Miguelita Creek							
16	23584	SM	101	16.3	16.9	2	Broadway I/C Reconstruction	Lower SF Bay (303d), SF Bay (303d)	NA	8.1	C	11/24/10	2/1/12	7/15/12	10/1/13
17	2490A	ALA	580	29.4	31.4	2	Replacement Highway Planting	(303d), SF Bay (303d)	Y	17.5	E	6/25/04	4/1/10	7/1/10	10/1/13
18	25460	SM	1	42.0	43.2	2	Widen for Operational Improvements	Calera Creek, Rockaway Beach at Pacific Ocean (303d)	Y	3.5	C	12/30/09	11/1/10	6/16/11	7/5/12
19	26372	CC	80	9.5	13.6	2	HOV lane gap closure	Rodeo Creek	N	19.97	BS, 8	6/26/03	2/2/09	8/5/09	8/1/11
20	26490	SCL	17	0.0	2.8	3	Wet Pavement Correction (Construct Drainages System, Median Concrete Barrier)	Lexington Reservoir	Y	1.4	C	10/1/08	12/1/09	4/1/10	11/1/11
21	26560	SM	1	40.6	40.8	2	Replace 2-Lane Bridge	San Pedro Creek, Pacific Ocean Pacifica Beach (303d)	Y	0.6	BS, 6	12/1/09	12/1/10	2/1/11	4/4/10
22	28120	NAP	221	0.0	1.6	2	Construct Southbound Flyover From Route 221 to Route 29/12	Soskol Creek	Y	10	BS, 4 D, 1	3/1/10	4/1/12	1/16/13	6/5/19

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁶	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Rte.	Begin PM	End PM	Region						Co.	Rte.	Begin PM	End PM
23	29226	ALA	80	2.5	3.2	2	Construct Bikeway	San Francisco Bay (303d)	Y	1.2	C	3/31/99	9/1/09	6/16/10	1/3/12
24	29520	SON	121	7.9	8.4	2	Widen Route 121 and Signalize I/S of State Highway 121 and Eighth St	Schell Creek	Y	1.0	E	10/1/09	12/1/10	2/1/11	4/1/11
25	2A110	NAP	121	20.4	20.8	5	Replace Bridge (Structure Rehab)	Capell Creek	Y	1.92	E	10/1/10	2/1/12	4/1/12	9/1/12
26	2A250	SCL	152	0.0	6.1	3	Improve Sight Distance, Upgrade Shoulders, Minor Realignment, Turn-	Bodfish Creek, Uvas Creek	Y	2.5	C	7/15/09	1/15/10	9/13/10	3/5/12
27	2A330	ALA	84	13.6	18.0	2	Improve Sight Distance, Upgrade Shoulders and Provide Curve Correct	Alameda Creek, Arroyo de la Laguna	Y	5.45	C	8/1/09	3/1/10	6/1/10	11/1/11
28	2A430	SCL	9	2.5/2.7; 5.9/6.2; 6.7/7.0		2	widening lanes and shoulders	Saratoga Creek, Calabazas Creek	Y	1.6	E	8/31/08	12/30/09	4/1/12	4/1/13
29	2A440	SCL	152	16.2	19.5	2	Safety Improvement	Pajaro River (303d)	Y	10.5	E	7/1/09	1/1/10	3/1/10	4/30/12
30	2A540	SCL, SM, SOL, Napa	SCI-35, SM-35, SM-280, SOL-680, NAP-29	Var	Var	2	Upgrade Vista Points for ADA Compliance	Cordilleras Creek, Upper Crystal Springs Reservoir,	N	1.43	E	3/30/07	6/15/09	10/16/09	4/1/10

No.	EA	Project Location					Project Description ^{2,3}	Water Bodies Within or Adjacent to Project Limits ⁴	Dredge and Fill Activities (Y/N/NA) ⁵	Disturbed Land Area (acres)	Treatment Control Status Type, Quantity ⁶	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Rte.	Begin PM	End PM	Region						Co.	Rte.	Begin PM	End PM
							and San Francisco Bay-South(303d)								
31	2A620	SOL	12	22.7	23.7	5	Shoulder Widening	Lindsay Slough	Y	3.31	C	12/31/08	1/1/10	8/14/10	4/4/11
32	3A400	SCL	152	19.3	20.3	2	Left turn lane widening	Pajaro River (303d)	Y	1.7	E	2/28/07	5/15/09	1/1/10	8/15/10
33	3A410	SCI	85	1.5	2	2	Freeway Interchange	Guadalupe River (River)	N	10.2	C	3/31/08	2/1/09	1/1/11	11/1/11
34	3S562	MRN	1	9.14	17.54	2	Storm damage	Pacific Ocean (303d)	N	2.8	E	7/1/09	10/1/11	6/10/10	7/10/10
35	4A070	ALA	580	4.9	8.2	2	Widening	Delta Waterways (303d)	Y	21.2	C	1/31/10	3/1/11	5/1/12	11/30/14
36	4C153	SOL	80	15.4	30.6	2 & 5	RRR Rehab	Ledgewood, Putah South (303d), Soda Springs, Laurel, Laguna, Alamo, Ulatis, Gibson Canyon Creek	Y	9.88	C	6/26/08	5/1/09	6/1/12	2/1/14

Treatment Control Status Legend	
BMP Device Types:	
BS	Biofiltration Strips and/or Swales
D	Detention Devices
DWFD	Dry Weather Flow Diversion
GSRD	Gross Solids Removal Devices
ID	Infiltration Devices
MF	Media Filters
MCTT	Multi-chambered Treatment Trains
TST	Traction Sand Traps
WB	Wet Basins

Table 5-2: District 4 Anticipated Maintenance Activities and Other Management Practices

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Description	Water Bodies Affected ⁷	Start Date	Completion Date	Water Board Region ⁸
1	SOL	680 NB	5.8-6.1	Redefine ditch line		Winter 2009	Spring 2010	2
2	SOL	680 NB	6.7	Redefine ditch line		Winter 2009	Spring 2010	2
3	SOL	680 NB	7	Remove tules & tree		Winter 2009	Spring 2010	2
4	SOL	680 NB	7.1	Redefine ditch line		Winter 2009	Spring 2010	2
5	SOL	680 NB	7.5	Redefine ditch line		Winter 2009	Spring 2010	2
6	SOL	680 NB	8	Clean culvert basin of tules/bushes		Winter 2009	Spring 2010	2
7	SOL	680 NB	8.2	Clean culvert basin		Winter 2009	Spring 2010	2
8	SOL	680 NB	8.3	Clean basin & remove trees		Winter 2009	Spring 2010	2
9	SOL	680 NB	8.7	Clean culvert basin		Winter 2009	Spring 2010	2
10	SOL	680 NB	8.8-8.9	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
11	SOL	680 NB	9.1	Remove tules & tree		Winter 2009	Spring 2010	2
12	SOL	680 NB	9.3	Clean culvert basin		Winter 2009	Spring 2010	2
13	SOL	680 NB	9.4	Remove tules & tree		Winter 2009	Spring 2010	2
14	SOL	680 NB	9.7	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
15	SOL	680 NB	10.3	Remove tules		Winter 2009	Spring 2010	2
16	SOL	680 NB	10.7	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
17	SOL	680 NB	11	Redefine ditch line		Winter 2009	Spring 2010	2
18	SOL	680 NB	11.4	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
19	SOL	680 NB	11.6	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
20	SOL	680 SB	5	Redefine ditch line		Winter 2009	Spring 2010	2
21	SOL	680 SB	5.2	Redefine ditch line		Winter 2009	Spring 2010	2
22	SOL	680 SB	5.9	Clean culvert basin		Winter 2009	Spring 2010	2
23	SOL	680 SB	6.1	Clean basin of tules & trees		Winter 2009	Spring 2010	2
24	SOL	680 SB	6.3	Clean basin of tules		Winter 2009	Spring 2010	2

⁷ Receiving waters within or adjacent to maintenance activity designated as "303d (constituent type)". Activity adjacent to Drinking Water Reservoir or Ground Water Recharge Facilities designated as "DW".

⁸ Region 1 = North Coast; Region 2 = San Francisco Bay; Region 3 = Central Coast; and Region 5 = Central Valley Region

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Description	Water Bodies Affected ⁷	Start Date	Completion Date	Water Board Region ⁸
25	SOL	680 SB	6.4	Clean basin of trees		Winter 2009	Spring 2010	2
26	SOL	680 SB	7.2	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
27	SOL	680 SB	7.5	Redefine ditch line		Winter 2009	Spring 2010	2
28	SOL	680 SB	8	Remove tules & tree		Winter 2009	Spring 2010	2
29	SOL	680 SB	8.8	Redefine ditch line		Winter 2009	Spring 2010	2
30	SOL	680 SB	10	Redefine ditch line		Winter 2009	Spring 2010	2
31	SOL	680 SB	10.4	Clean culvert basin & redefine ditch line		Winter 2009	Spring 2010	2
32	SOL	680 SB	10.66	Clean culvert basin	American Canyon Creek	Winter 2009	Spring 2010	2
33	SOL	680 SB	11	Clean culvert basin		Winter 2009	Spring 2010	2
34	SOL	680 SB	11.4	Clean culvert basin		Winter 2009	Spring 2010	2
35	SOL	680 SB	12.7	Redefine ditch line		Winter 2009	Spring 2010	2
36	ALA	84	3.8-5.0	Remove silt		Winter 2009	Winter 2009	2
37	ALA	92	6.4	Remove silt/tules		Winter 2009	Winter 2009	2
38	ALA	580	20.2	Remove debris		Summer 2009	Winter 2009	2
39	ALA	580	21.5-26.0	Clean ditch		Summer 2009	Winter 2009	2
40	ALA	580	26.4	Remove debris		Summer 2009	Winter 2009	2
41	ALA	580	27.5	Remove debris		Summer 2009	Winter 2009	2
42	ALA	580	14.3	Remove silt	Collier Canyon Creek	Spring 2009	Summer 2009	2
43	ALA	680	15	Remove silt etc.		Summer 2009	Winter 2009	2
44	ALA	680	17.18	Remove silt	Arroyo De La Laguna	Winter 2009	Spring 2010	2
45	ALA	880	33	Remove silt/tules		Winter 2009	Winter 2009	2
46	ALA	880 NB	25.6	Remove silt etc.		Winter 2009	Winter 2009	2
47	ALA	880 NB	27.4	Remove silt etc.		Winter 2009	Winter 2009	2
48	ALA	880 NB	20.8	Remove silt etc.		Winter 2009	Spring 2010	2
49	ALA	880 NB	23.6	Remove tules		Winter 2009	Spring 2010	2
50	ALA	880 NB	24.7	Remove tules		Winter 2009	Spring 2010	2
51	ALA	880 NB	25.3	Remove tules		Winter 2009	Spring 2010	2
52	ALA	880 NB	25.5	Remove silt etc.		Winter 2009	Spring 2010	2

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Description	Water Bodies Affected ⁷	Start Date	Completion Date	Water Board Region ⁸
53	ALA	880 SB	25.4	Remove tules		Winter 2009	Spring 2010	2
54	ALA	880 SB	25.5	Remove tules		Winter 2009	Spring 2010	2
55	CC	24	1.2	Remove tules		Summer 2009	Winter 2009	2
56	CC	24	2	Remove tules		Summer 2009	Winter 2009	2
57	CC	24	3	Remove tules		Winter 2009	Winter 2009	2
58	CC	680	15.6	Remove tules		Summer 2009	Winter 2009	2
59	CC	680	22.7	Remove tules		Summer 2009	Winter 2009	2
60	SM	1	13.2	Remove silt/tules	Pacific Ocean	Summer 2009	Winter 2009	2
61	SM	1	29.69	Remove silt/tules	Arroyo Creek	Summer 2009	Winter 2009	2
62	SM	1	30.82	Remove silt/tules	Pacific Ocean	Winter 2009	Winter 2009	2
63	SM	1	32.09	Remove silt/tules		Winter 2009	Winter 2009	2
64	SM	1	32.7	Remove silt/tules		Summer 2009	Winter 2009	2
65	SM	1	33.04	Remove silt/tules	Gassos Creek	Winter 2009	Winter 2009	2
66	SM	1	35.29	Remove silt/tules	Pacific Ocean	Winter 2009	Winter 2009	2
67	SM	1	37.09	Remove silt/tules	Purisima Creek	Winter 2009	Winter 2009	2
68	SM	1	40.7	Remove silt/tules	Pacific Ocean	Winter 2009	Winter 2009	2
69	SM	1	41.4	Remove silt/tules	Pacific Ocean	Winter 2009	Winter 2009	2
70	SM	35	2.81	Clean ditch & remove silt around bear trap		Winter 2009	Spring 2010	2
71	SM	35	2.86	Clean ditch		Winter 2009	Spring 2010	2
72	SM	35	3.28	Clean ditch		Winter 2009	Spring 2010	2
73	SM	35	3.56	Riprap		Winter 2009	Spring 2010	2
74	SM	35	6	Clean ditch		Winter 2009	Spring 2010	2
75	SM	35	7.55	Clean ditch		Winter 2009	Spring 2010	2
76	SM	35	10.49	Clean ditch		Winter 2009	Spring 2010	2
77	SM	35	13.84	Clean ditch		Winter 2009	Spring 2010	2
78	SM	35	15.48	Clean ditch		Winter 2009	Spring 2010	2
79	SM	35	16.11	Clean ditch		Winter 2009	Spring 2010	2
80	SM	84	12.97	Clean ditch		Winter 2009	Spring 2010	2

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Description	Water Bodies Affected ⁷	Start Date	Completion Date	Water Board Region ⁸
81	SM	84	13.3	Clean ditch		Winter 2009	Spring 2010	2
82	SM	84	13.84	Clean ditch		Winter 2009	Spring 2010	2
83	SM	101	20.6	Remove silt		Summer 2009	Winter 2009	2
84	SM	101	22.7	Remove tree/tules		Summer 2009	Winter 2009	2
85	SM	101	26.1	Remove silt		Summer 2009	Winter 2009	2
86	SCL	9	9.5-10.5	Remove silt/trees		Winter 2009	Spring 2010	2
87	SCL	17	0.2	Remove silt around bear trap		Winter 2009	Spring 2010	2
88	SCL	17	0.3	Remove silt around bear trap		Winter 2009	Spring 2010	2
89	SCL	17	1.9	Remove silt around bear trap		Winter 2009	Spring 2010	2
90	SCL	17	2	Remove silt around bear trap		Winter 2009	Spring 2010	2
91	SCL	17	2.5	Remove silt around bear trap		Winter 2009	Spring 2010	2
92	SCL	17	3.1	Remove silt around bear trap		Winter 2009	Spring 2010	2
93	SCL	17	3.3	Remove silt around bear trap		Winter 2009	Spring 2010	2
94	SCL	101	40	Remove silt		Winter 2009	Winter 2009	2
95	SCL	237	2.3	Remove cattails		Winter 2009	Winter 2009	2
96	SCL	680	8.3	Remove silt		Winter 2009	Spring 2010	2
97	SCL	25	0.0-1.0	Remove silt		Winter 2009	Winter 2009	3
98	SCL	25	1.5-2.2	Remove silt	Carnadero Creek	Winter 2009	Winter 2009	3
99	SCL	101	0.0-1.2	Remove silt	Pajaro River (303d)	Winter 2009	Winter 2009	3
100	SCL	152	12.3	Remove silt	Dexter Creek	Winter 2009	Winter 2009	3
101	SCL	152	12.5-13.2	Remove silt	Johnson Creek	Winter 2009	Winter 2009	3
102	SCL	152	13.8	Remove silt	Jones Creek	Winter 2009	Winter 2009	3
103	SCL	152	14.8	Remove silt		Winter 2009	Winter 2009	3
104	SCL	152	16.31	Remove silt		Winter 2009	Winter 2009	3
105	SCL	152	16.44	Remove silt		Winter 2009	Winter 2009	3
106	SCL	152	16.54	Remove silt		Winter 2009	Winter 2009	3
107	SCL	152	16.58	Remove silt		Winter 2009	Winter 2009	3
108	SCL	152	16.78	Remove silt		Winter 2009	Winter 2009	3

Significant Road Maintenance Activities								
No.	Co.	Route	PM	Description	Water Bodies Affected ⁷	Start Date	Completion Date	Water Board Region ⁸
109	SCL	152	16.83	Remove silt		Winter 2009	Winter 2009	3
110	SCL	152	16.9	Remove silt		Winter 2009	Winter 2009	3
111	SCL	152	17.1	Remove silt		Winter 2009	Winter 2009	3
112	SCL	152	17.33	Remove silt		Winter 2009	Winter 2009	3
113	SCL	152	17.42	Remove silt		Winter 2009	Winter 2009	3
114	SCL	152	17.47	Remove silt		Winter 2009	Winter 2009	3
115	SCL	152	17.91	Remove silt		Winter 2009	Winter 2009	3
116	SCL	152	18	Remove silt		Winter 2009	Winter 2009	3
117	SCL	152	18.3	Remove silt		Winter 2009	Winter 2009	3
118	SCL	152	19.6	Remove silt		Winter 2009	Winter 2009	3
119	SCL	152	24.08	Remove silt		Winter 2009	Winter 2009	3
120	SCL	152	24.3	Remove silt		Winter 2009	Winter 2009	3
121	SCL	152	24.65	Remove silt		Winter 2009	Winter 2009	3
122	SCL	156	0.0-0.5	Remove silt		Spring 2009	Summer 2009	3
123	SM	1	4.32	Remove silt/tules	Whitehouse Creek	Winter 2009	Winter 2009	3
124	SM	1	10.4	Remove silt/tules	Freedmans Creek	Summer 2009	Winter 2009	3

Table 5-3: District 4 General Management Practices

Monitoring Activities		
Monitoring activities will be conducted in accordance with the statewide 3-year Stormwater Action Plan Supporting Study as described in the Stormwater Monitoring Plan. The sites identified for monitoring in the District are as follows:		
Location	3-Year Action Plan Supporting Study	WBR⁹
Alameda County, Route 580 W	Highway Runoff Characterization Study	2
Contra Costa County, Route 680 N	Highway Runoff Characterization Study	2
Solano County, Route 680 South	Highway Runoff Characterization Study	2
Solano County, Route 80, Lemon St. North Park and Ride	Park and Ride Lot Characterization Study	2
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study	2
Alameda County, San Leandro Maintenance Yard	Maintenance Station Characterization Study	2
Alameda County, Walnut Creek East Maintenance Station	Maintenance Station Characterization Study	2
Alameda County, Route 80, San Francisco/Oakland Bay Bridge Toll Plaza	Monitoring of the performance of the newly installed pilot Bio-Retention Facilities for the next five years.	2
San Mateo County, Route 380, near the El Camino Real, (Route 82)	Groundcover Roadside Vegetation Treatment Site (GRVTS Study) through the summer of 2011	2
Napa County, Routes 121 / 29, near Imola Ave.	Groundcover Roadside Vegetation Treatment Site (GRVTS Study) through the summer of 2011	2
Public Education and Participation		
<p>The District intends to:</p> <ul style="list-style-type: none"> • Continue to combat litter in conjunction with our Public Information Office, Adopt-A-Highway, CHP Offices, and Office of Safety Departments by supplying "Don't Trash California" stormwater literature for their offices and events, for distribution the public. • Continue to participate in the Caltrans/California Highway Patrol (CHP) Quarterly Cleanups and make an enhanced effort to sweep and pick up trash under CHP enforcement. Extra media will be employed, such as Overhead Changeable Message Signs, to broadcast the "Don't Trash California" message. • Continue to assess the status of Drainage Inlet Markers, and replace them as needed. • The District will continue to loan the two 30-second Public Service Announcements of "Don't Trash California" in English and Spanish to Cities' Local Cable Access channels for airing. And, now that it's available in DVD format, make it available to smaller groups also. • As State budget resources permit, order new supplies of Public Information and Outreach materials to disburse at events like "Coastal Cleanup Day", "State Agency Fairs", the "San Francisco Street Fair", the "Oakland Earth Expo", the "Keep California Beautiful Conference", "Great American Litter Pickup Day", "Truck Driver's Appreciation Day", and other events. The District will staff a booth to distribute literature and promotional material. • Continue to work with various school districts to distribute our stormwater educational materials. 		

⁹ WBR = Water Board Region; Region 1 = North Coast; Region 2 = San Francisco Bay; Region 3 = Central Coast; and Region 5 = Central Valley Region

Municipal Coordination

The District intends to:

- Increase our attendance at the NPDES/MS4 Meetings during the reporting period with other permitted municipalities: the Alameda County Clean Water Program (ACCWP); Contra Costa Clean Water Program (CCCWP); Marin County Stormwater Pollution Prevention Program (MCSTOPPP); San Mateo Countywide Water Pollution Prevention Program (SMCWPPP); Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP); Santa Rosa Area NPDES; and Napa, Solano, and Sonoma Stormwater Agencies (NISSA). The members of these organizations are responsible for complying with the requirements of Municipal Separate Storm Sewer System (MS4)/ National Pollutant Discharge Elimination System (NPDES) permits issued by the San Francisco Bay Regional Water Quality Control Board. (Water Board)
- Notify, via written correspondence, the Municipalities of any illicit discharges or connections discovered within Caltrans' right-of-way and associated within a municipality's jurisdiction. This includes immediately reporting this information to the Water Board, if appropriate.
- Discuss and be open to any possible opportunities to participate in public outreach programs that are sponsored by the Municipalities.
- Continue to attend Total Maximum Daily Load (TMDL) meetings and workshops as needed to gain information relative to Caltrans and coordinate as necessary on TMDLs where Caltrans has been identified as a stakeholder.
- Seek opportunities to collaborate with the MS4 permittees to increase Public Education efforts within the District.
- Support and work with the Bay Area Stormwater Management Agencies Association (BASMAA), and The California Stormwater Quality Association. (CASQA)
- Attend meetings and workshops pertaining to Areas of Special Biological Significance (ASBS) where Caltrans has identified discharges for ASBS sites within the District.
- Make some of our District stormwater training courses available for participation by local agencies, while attending some of their training opportunities and presentations.

The District has several cooperative agreements in the process of being executed with local agencies, including:

County	Route	Begin PM	End PM	Local Agency	Purpose of Agreement	WBR ¹⁰
ALA	84-Pigeon Pass	20.7	23.0	District 4 & City of Dublin	Offsite Treatment BMP within the City jurisdiction	2

¹⁰ WBR = Water Board Region; Region 1 = North Coast; Region 2 = San Francisco Bay; Region 3 = Central Coast; and Region 5 = Central Valley Region

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6.0 TOTAL MAXIMUM DAILY LOADS

Chapter 6 of the DWP describes and identifies the Total Maximum Daily Loads (TMDLs) for which the District has been identified as a stakeholder. A summary of planned District projects and participation efforts for TMDL compliance is provided. This information may include a general discussion of the load allocation assessment, approach, or strategy for achieving allocations under an Implementation Plan, and coordination of activities with other stakeholders next fiscal year.

For each TMDL, the District develops a plan to conduct activities that will achieve TMDL compliance objectives. Activities may include designing or constructing structural BMPs, depending on the pollutant and level of mitigation required by the TMDL, or non-structural controls, such as maintenance activities, municipal coordination, and partnerships. The District strives to meet TMDL compliance objectives as it continues to work with the RWQCB to achieve the maximum feasible pollutant reduction.

Table 6-1 lists TMDL compliance activities for each TMDL in District 4 for which Caltrans has been assigned a Waste Load Allocation (WLA), an implementation plan has been approved, and has a compliance deadline.

For each TMDL listed in the table, the following is indicated:

- RWQCB
- Water Body Name
- Pollutant
- Load Reduction Implementation Date – the timeframe to achieve load reduction goals
- Monitoring – compliance alternatives for implementing mitigation measures to comply with the TMDL, including, if known, a time frame for development of the compliance alternatives
- TMDL Municipal/Stakeholder Coordination – Coordination with municipalities and local stakeholders on how to meet load reduction goals
- Planned Actions – specific activities the District intends to conduct during the fiscal year to comply with the TMDL by the deadline

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Table 6-1: District 4 TMDL Activities

District	TMDL Name	Effective Date	District Specific Implementation Activities	Compliance Date (if applicable)	Monitoring	TMDL Municipal/ Stakeholder Coordination	Planned Actions
4	San Francisco Mercury TMDL	2/11/08	Achieve 50% WLA (Interim Target)	2/8/18	The concentrations of mercury and methylmercury in the discharge must be monitored.		
			Achieve 100% WLA (Final Target)	2/6/28			
4	Napa Sediment/Sedimentation TMDL	Pending	Submit Report of Waste Discharge to Water Board	10/1/12 (tentative)	No monitoring required	No municipal coordination is required	Best management practices will be implemented for construction sites
			Adopt and Implement BMPs for maintenance of roads	10/1/12 (tentative)			
4	San Francisco PCBs TMDL	Pending	Implement pilot scale control measures	10/30/13 (tentative)	Determine Caltrans concentrations of PCBs in runoff	Cleanup of hotspots on land Treatment of highly contaminated runoff	Continue implementing permit and SWMP. Support the RMP to monitor PCBs in fish to demonstrate attainment of numeric fish tissue target and sediment concentration goal.
			Achieve 100% WLA (Final Target)	10/30/28 (tentative)			